



Camco

PRODUCTS CATALOG

Cable Assembly Solutions Experts

Professional Circular Push Pull Connector Manufacturer

About “RAYMO”

SHENZHEN RAYMO ELECTRONICS TECHNOLOGY LIMITED, here in after referred to as the “RAYMO”,

As a **Creative customer-oriented** manufacturer located in Shenzhen, focusing on manufacturing metal and plastic circular push pull connectors and cable assemblies to serve over 75 countries and regions since 2010.

With professional R&D and excellent craftsmanship, our factory has the ability of offering customer with much more precision connectors and cable harness solutions to meet customer's real needs in this fields.

RAYMO has already established an integrated quality control system from R&D, Supply Chain, Marketing, Sales, after-sales service to meet customer deeper demand, and expect to achieve Raymo's globalization strategy.

More than 3,000 types connectors

Aimed on offering customer qualified and suitable connectors and cable assemblies, our factory has already designed and developed over 3,000 types of connectors and 1,000 kinds of OEM cable assemblies based on customer real needs since the establishment.

Applications

RAYMO connectors have been widely used in the areas of telecommunication, electronics, medical equipments, Aviation, Audio-video, Petroleum, motor and power industries, electrical signal connection, IC control systems, test and measurement instruments, etc.

Our Missions

design and develop more precision and suitable push pull connectors and cable assemblies for all humanity and the world provide better living conditions for employees

Quality Commitment

CE, ROHS, ISO:9001-2015, SGS



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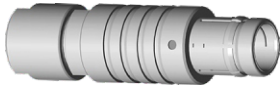


RM-F series

Ultimate Metal Waterproof Push-pull Self-latching Connector

RM-F series

Plugs



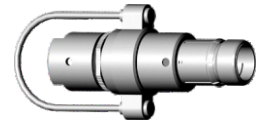
S/SC



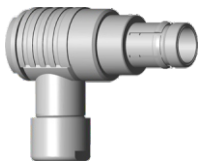
SS/SSC



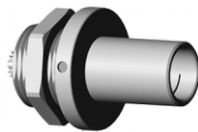
SS/SSC



SA

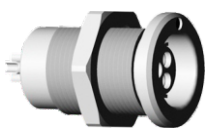


WSO



SFE

Receptacles



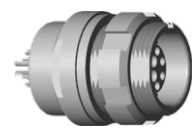
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DBPU (Variant)



DBP



DG



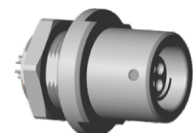
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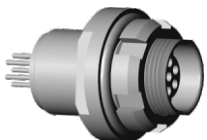
DBPU (Variant traxial)



DBPU/DBPLE



DBPU/DBEE



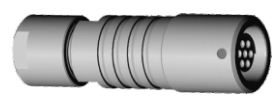
DBPU



FGS (OEM)



FGU (ODM)



K/KE

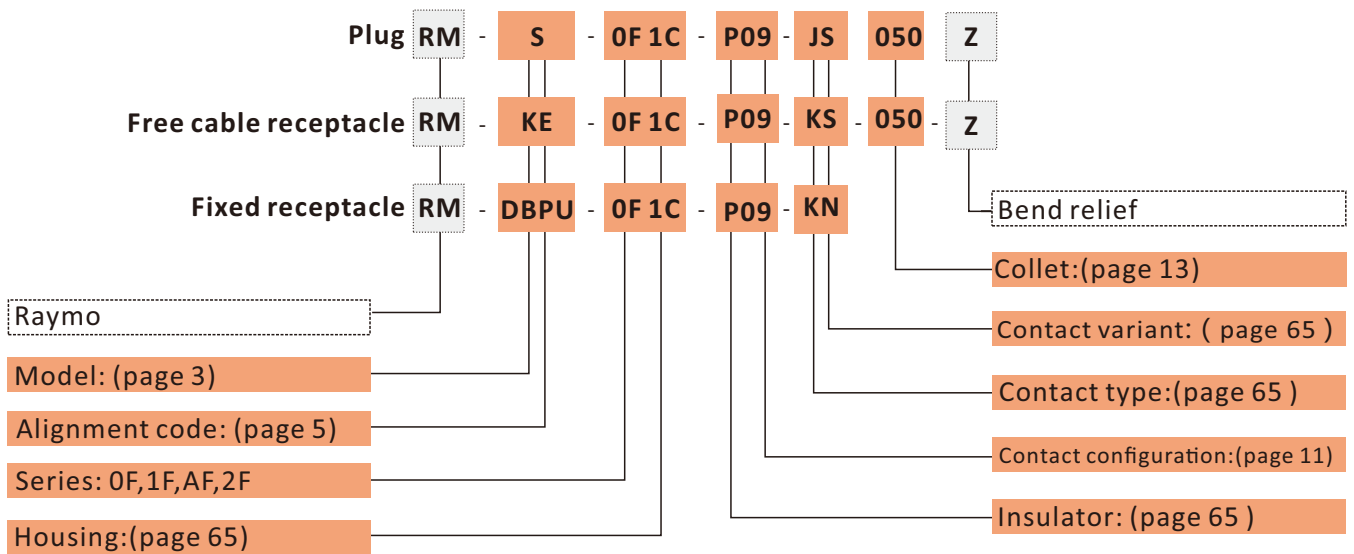


KS/KSE



PGX (OEM)

Part numbering system



Part No.Example

Straight plug with cable collet

RM-S-0F1C-P09JS-050Z = straight plug, 0F series, code 1, multipole type with 9 contacts, outer shell in natural chrome-plated brass, PPS insulator, male solder contacts, collet for 4.2-5.0 mm diameter cable with a black colour bend relief, IP68.

Free cable mount receptacle

RM-KE-0F1C-P09-KS-050 = free Cable receptacle ,0F series, code1 multipole type with 9 contacts, outer shell in natural chrome-plated brass, PPS insulator, female solder contacts, collet for 4.2-5.0 mm diameter cable ,IP68.

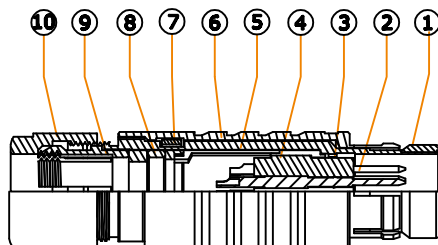
Fixed receptacle

RM-DBPU-0F1C-P09-KN = fixed receptacle, nut fixing, 0F series, code1, multipole type with 9 contacts,outer shell in natural chrome-plated brass, PPS insulator, female PCB contacts,IP68.

Part Section Showing Internal Components

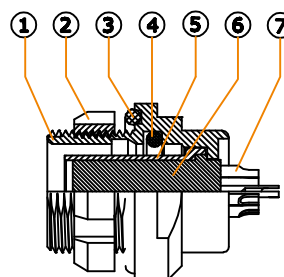
Straight plug

- ① latch sleeve
- ② male contact
- ③ insulator
- ④ fixed spacer
- ⑤ inner shell
- ⑥ outer shell
- ⑦ gasket
- ⑧ retaining ring
- ⑨ collet
- ⑩ collet nut



Fixed receptacle

- ① outer shell
- ② hexagonal nut
- ③ outer o-ring
- ④ inside o-ring
- ⑤ retaining ring
- ⑥ insulator
- ⑦ female contact



Technical Characteristics Mechanical and Climatical

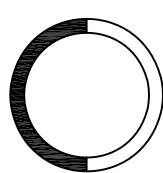
Characteristics	Value	Standard
Endurance	>5000cycles	IEC60512-5test9a
Humidity	Up to 95%at60°C	
Temperature range	-55°C, +250°C	
Resistance to vibration	10-2000Hz,15g	IEC 60512-4 test 6d.
Shock resistance	100g, 6ms	IEC 60512-4 test 6c.
Salt spray corrosion test	>72h	IEC 60512-6 test 11f.
Protection index (mated)	IP68	IEC 60529
Climatical category	55/175/21	IEC 60068-1

Electrical

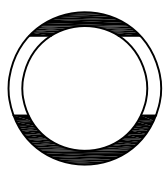
Characteristics		Value	Standard
Shielding efficiency	at 10 MHZ	>95 dB	IEC 60619-1-3
	at 1 GHz	>80 dB	IEC 60619-1-3

Code Options

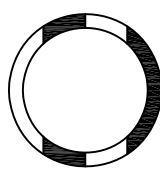
Code 1 is standard, if for other codes, please specify.



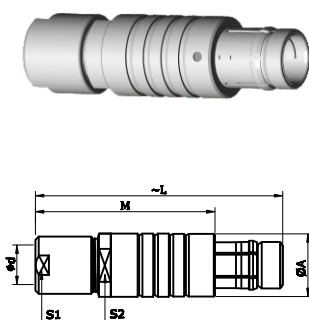
1



2

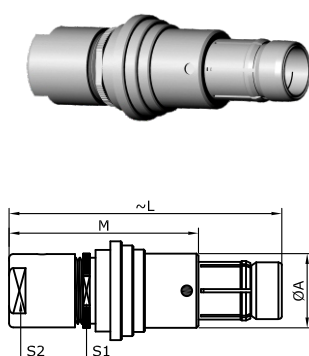


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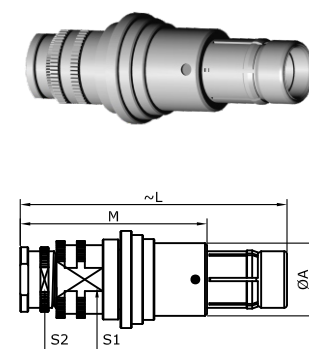
RM-S Cable Mount Plug,
Code (1,2,3,) Cable collet

Reference		Dimensions(mm)						
Model	Series	A	M	L	d max		S1	S2
					shielded clamp	sealed clamp		
RM-S	0F	9.4	26	37.2	4.7	4.3	8	8
RM-S	1F	12	34	45	6.7	6.2	9	10
RM-S	AF	13	36	46	7.2	6.7	12	11
RM-S	2F	15	36	48	8.7	8.7	13	13



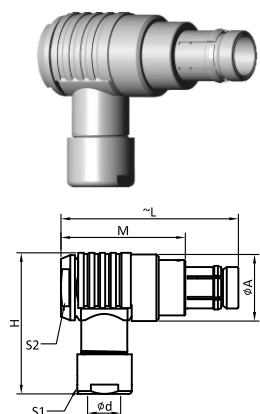
RM-SS Cable Mount Short Plug, Code (1, 2, 3,)
Round nut

Reference		Dimensions(mm)						
Model	Series	A	L	M	d max		S1	S2
					shielded clamp	sealed clamp		
RM-SS	0F	9	33	23	4.7	4.3	8	7
RM-SS	1F	12	37	26	6.7	6.2	11	12
RM-SS	AF	12.3	40	30	7.2	6.7	11.5	12
RM-SS	2F	15	43	31	8.7	8.7	13	13



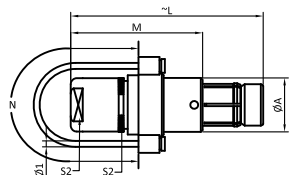
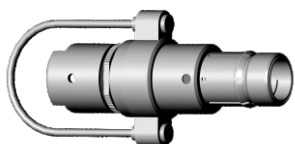
RM-SS Cable Mount Short Plug, Code (1, 2, 3,)
can make cable assembly by overmoulding

Reference		Dimensions(mm)						
Model	Series	A	L	M	d max		S1	S2
					shielded clamp	sealed clamp		
RM-SS	0F	9	33	23	4.7	4.3	8	7
RM-SS	1F	12	37	26	6.7	6.2	11	10
RM-SS	AF	12.3	33	23	7.2	6.7	11	10
RM-SS	2F	15	39	27	8.7	8.7	13	12



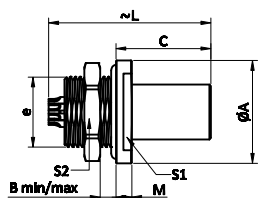
RM-WSO Elbow Right-angle Cable Mount Plug,
Code (1, 2, 3,)

Reference		Dimensions(mm)							
Model	Series	A	L	M	H	d max		S1	S2
						shielded clamp	sealed clamp		
RM-WSO	0F	12	33	23	25	4.7	4.3	7	8
RM-WSO	1F	15	38	28.7	31	6.7	6.2	10	11
RM-WSO	AF	17	40	30	33	7.2	6.7	12	12
RM-WSO	2F	19	45	33	37	8.7	8.7	13	14



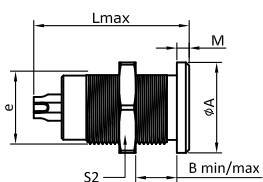
RM-SA Cable Mount Plug with lanyard,
Code (1,2,3)

Reference		Dimensions(mm)							
Model	Series	A	L	M	N	d max		S1	S2
RM-SA	0F	9	33	23	60	4.7	4.3	8	8
RM-SA	1F	12	37	26	80	6.7	6.2	11	12
RM-SA	AF	12.3	40	30	80	7.2	6.7	11.5	12
RM-SA	2F	15	43	31	100	8.7	8.7	13	13



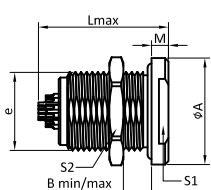
RM-SFE Fixed Sealed Panel Mount Plug, Code (1, 2, 3,)

Reference		Dimensions(mm)							
Model	Series	A	B	C	e	L	M	S1	S2
RM-FAA	0F	13	0/2.5	13.0	M9*0.5	21	3.0	11	11
RM-FAA	1F	17	0/5.0	14.0	M12*1.0	26	3.0	14	14
RM-FAA	AF	19	0/4.0	13.7	M14*1.0	26.5	3.7	17	14
RM-FAA	2F	22	0/7.5	15.0	M16*1.0	28	3.0	19	19



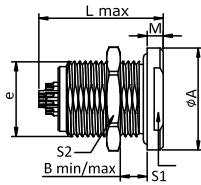
RM-D Panel Mount Receptacle,
Nut fixing Code (1, 2, 3)

Reference		Dimensions(mm)						
Model	Series	A	B	e	L	M	S2	
RM-D	0F	11	0/9	M9*0.5	18.9	1.5	11	
RM-D	1F	14	0/8	M12*1.0	23.9	1.5	14	
RM-D	AF	16	0/10	M14*1.0	23.3	2	17	
RM-D	2F	19	0/11	M15*1.0	25.8	2.2	17	



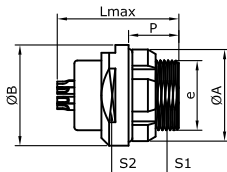
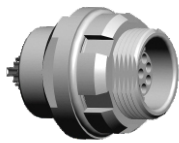
RM-DEE Hermetic Panel Mount Receptacle,
Nut fixing, Code (1, 2, 3)

Reference		Dimensions(mm)							
Model	Series	A	B	e	L	M	S1	S2	
RM-DEE	0F	14	8/10	M9*0.5	20	2.5	11	11	
RM-DEE	1F	18	0/12	M14*1.0	23.9	3.0	14	17	
RM-DEE	AF	19	0/12	M14*1.0	23.3	3.0	15	17	
RM-DEE	2F	20	0/13	M16*1.0	25.8	4.0	17	19	



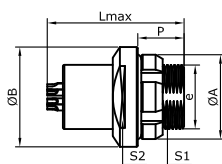
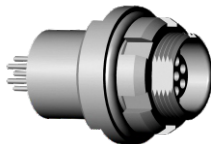
RM-DEU Sealed Panel Mount Receptacle,
Nut fixing, Code (1, 2, 3)

Reference		Dimensions(mm)						
Model	Series	A	B	e	L	M	S1	S2
RM-DEE	0F	14	8/10	M9*0.5	20	2.5	11	11
RM-DEE	1F	18	0/12	M14*1.0	23.9	3.0	14	17
RM-DEE	AF	19	0/12	M14*1.0	23.3	3.0	15	17
RM-DEE	2F	20	0/13	M16*1.0	25.8	4.0	17	19



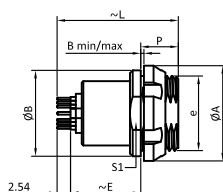
RM-FGX Sealed Panel Mount Receptacle,
Code (1, 2, 3,) , only for 0F series

Reference		Dimensions(mm)						
Model	Series	A	B	e	L	P	S1	S2
RM-FGX	0F	12	13	M9*9.5	15.7	6.5	8.2	11



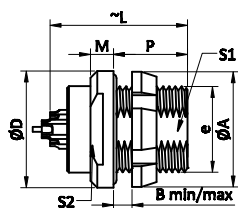
RM-DBPU Sealed Panel Mount Receptacle,
Code (1, 2, 3,)

Reference		Dimensions(mm)						
Model	Series	A	B	e	L	P	S1	S2
RM-DBPU	0F	12	14	M9*0.5	19.2	6.5	8.2	11
RM-DBPU	1F	18	18	M14*1.0	24.8	8	12.5	15
RM-DBPU	AF	18	19	M14*1.0	23.1	7	12	15
RM-DBPU	2F	20.8	21	M14*1.0	24.2	8	14.3	16



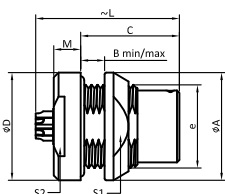
RM-FG7 Fixed Sealed Panel Mount Receptacle,
Traxial connector, Code (1, 2, 3,) in solder or pcb type

Reference		Dimensions(mm)						
Model	Series	A	B	P	E	e	L	S1
RM-FG7	0F	12	0/3.5	6.5	10	M9*0.5	20	10
RM-FG7	1F	15	0/4.0	8.0	12	M12*1.0	23	-
RM-FG7	AF	18	0/3.0	7.0	13	M14*1.0	23	-
RM-FG7	2F	16	0/5.0	9.0	11.5	M15*1.0	26	-



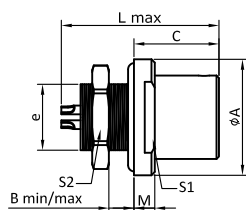
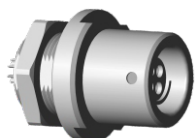
RM-FGS Sealed Panel Mount Receptacle,
Code(1,2,3), only for AF series

Reference		Dimensions(mm)								
Model	Series	A	B	e	D	L	P	M	S1	S2
RM-FGS	AF	18	0/8	M14*1	19	23.1	12	3.7	12	15



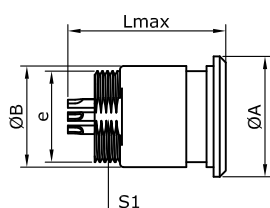
RM-DBPLU Fixed Sealed Front Mount Receptacle,
Code (1, 2, 3,)in solder or pcb type

Reference		Dimensions(mm)								
Model	Series	A	B	C	e	L	D	M	S1	S2
RM-DBPLU	0F	13	0/4.5	10	M10*0.5	17	14	3.5	11	11
RM-DBPLU	1F	28	0.5.0	17.5	M14*1.0	24	18	4.5	15	15
RM-DBPLU	AF	20	0/5.5	16.5	M15*1.0	23	19	4.5	17	15
RM-DBPLU	2F	20	0/6.5	17	M16*1.0	27	22	5.0	17	17



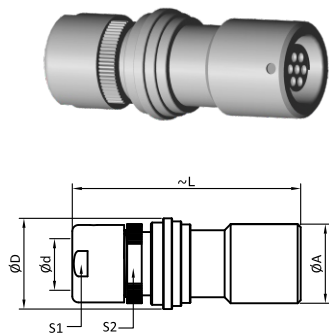
RM-DB Front Panel Mount Receptacle,
Code (1, 2, 3,)

Reference		Dimensions(mm)							
Model	Series	A	B	C	e	L	M	S1	S2
RM-DB	0F	11	0/3.5	10.2	M9*0.5	20	2.5	11	11
RM-DB	1F	14	0/4.0	13.0	M14*1.0	23.9	3.0	14	14
RM-DB	AF	19	0/4.0	12.0	M14*1.0	23.3	3.0	15	14
RM-DB	2F	21.8	0/3.5	16.0	M16*1.0	25.8	4.0	17	19



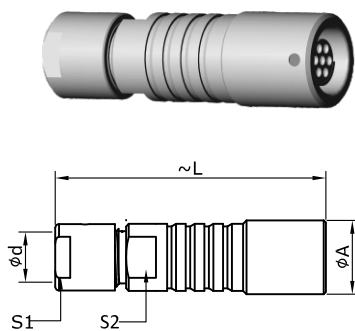
RM-PGX Cable Mount Receptacle,
Code (1, 2, 3,) IP68, only used by overmoulding

Reference		Dimensions(mm)				
Model	Series	A	B	e	L	S1
RM-PGX	0F	12	10	M9*0.5	15.5	8.2
RM-PGX	1F	16	14	M12*0.6	24.8	9.0
RM-PGX	AF	16	14	M12*0.6	23.1	10
RM-PGX	2F	18	16	M14*0.6	24.2	12



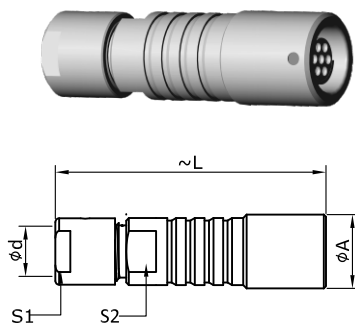
RM-KSE Short Sealed Cable Mount Receptacle,
Code (1, 2, 3,)

Reference		Dimensions(mm)					
Model	Series	A	L	M	d max	S1	S2
RM-KSE	0F	10	32	23	3.8	8	8
RM-KSE	1F	13	37	26	6.0	11	12
RM-KSE	AF	13.5	36	30	6.2	11.5	12
RM-KSE	2F	16	45	31	8.0	13	13



RM-K Cable Mount Receptacle,
Code (1, 2, 3), Cable collet

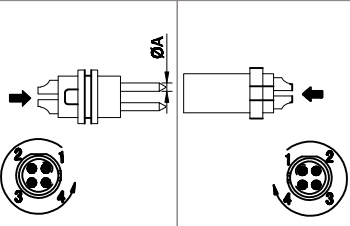
Reference		Dimensions(mm)					
Model	Series	A	L	d max		S1	S2
				shielded clamp	sealed clamp		
RM-K	0F	10	36	4.7	4.3	7	7
RM-K	1F	13	43	6.7	6.2	10	10
RM-K	AF	13.5	45	7.2	6.7	12	11
RM-K	2F	16	48	8.7	8.7	13	12



RM-KE Cable Sealed Mount Receptacle,
Code (1, 2, 3), Cable collet,

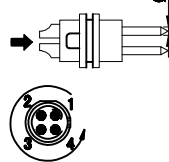
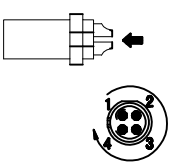
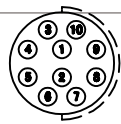
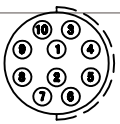
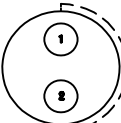
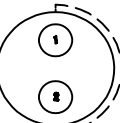
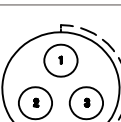
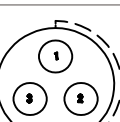
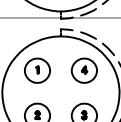
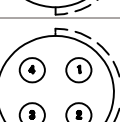
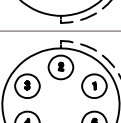
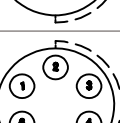
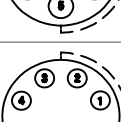
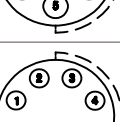
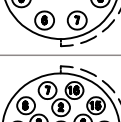
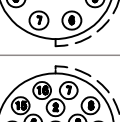
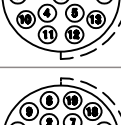
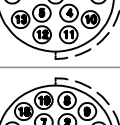
Reference		Dimensions(mm)					
Model	Series	A	L	d max		S1	S2
				shielded clamp	sealed clamp		
RM-KE	0F	10	36	4.7	4.3	7	7
RM-KE	1F	13	43	6.7	6.2	10	10
RM-KE	AF	13.5	45	7.2	6.7	12	11
RM-KE	2F	16	48	8.7	8.7	13	12

Multipole layout

			Code	Contact No.	φA (MM)	Solder contact	PCB straight contact	PCB elbow contact	Test voltage(contact -shell)k/v AC-rms	Test voltage(contact -contact)k/v AC-rms	Rated current /A
0F			P02	2	0.9	●	●	●	1.30	1.05	10.0
			P03	3	0.9	●	●	●	1.20	0.90	8.0
			P04	4	0.7	●	●	●	0.85	0.70	7.0
			P05	5	0.7	●	●	●	1.00	0.70	6.5
			P07	7	0.5	●	●	●	0.80	0.70	2.5
			P09	9	0.5	●	●	●	0.60	0.50	2.0
1F			P02	2	1.3	●	●	●	1.50	1.35	15.0
			P03	3	1.3	●	●	●	1.30	1.55	12.0
			P04	4	0.9	●	●	●	1.35	1.45	10.0
			P05	5	0.9	●	●	●	1.25	1.15	9.0
			P06	6	0.7	●	●	●	1.05	1.2	7.0
			P07	7	0.7	●	●	●	0.95	1.05	7.0
			P08	8	0.7	●	●	●	0.95	1.15	5.0
			P10	10	0.5	●	●	●	0.90	1.50	2.5
			P12	12	0.5	●	●	●	0.80	1.2	2.0
			P16	16	0.5	●	●	●	0.80	1.25	1.5

● First choice alternative
○ Special order alternative

Multipole layout

AF			Code	Contact No.	φA (MM)	Solder contact	PCB straight contact	PCB elbow contact	Test voltage(contact -shell)k/v AC-rms	Test voltage(contact -contact)k/v AC-rms	Rated current /A
2F			P10	10	0.7	●	●	●	1.40	1.50	4.5
			P12	12	0.5	●	●	●	1.40	1.50	4.2
			P15	2 13	1.3 0.5	●	●	●	1.50 1.20	1.35 0.90	12 2.5
			P19	19	0.5	●	●	●	1.20	0.90	2.5
			P02	2	1.6	●	○	○	1.80	2.20	20
			P03	3	1.6	●	○	○	1.6	2.0	18.0
			P04	4	1.3	●	○	○	1.80	2.20	12.0
			P06	6	0.9	●	○	○	1.7	2.0	6.5
			P08	8	0.9	●	○	○	1.50	1.50	6.20
			P16	16	0.7	●	○	○	1.0	1.50	4.0
		P19	19	0.7	●	○	○	0.80	1.20	3.50	

- First choice alternative
- Special order alternative

RM-F series Cable collet

RM-0F-S



Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
1.5 - 2.1	2.1	RM-0F-S-021	3.6 - 4.1	4.1	RM-0F-S-041
2.1 - 2.6	2.6	RM-0F-S-026	4.1 - 4.3	4.3	RM-0F-S-043
2.6 - 3.1	3.1	RM-0F-S-031	4.3 - 4.7	4.7	RM-0F-S-047
3.1 - 3.6	3.6	RM-0F-S-036			

RM-0F-E



Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
1.5 - 2.1	2.1	RM-0F-S-021	3.6 - 3.6	3.6	RM-0F-S-036
2.1 - 2.6	2.6	RM-0F-S-026	3.6-4.1	4.1	RM-0F-S-042
2.6 - 3.1	3.1	RM-0F-S-031	4.1-4.3	4.3	RM-0F-S-043

RM-1F-S



Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator
1.7-2.2	2.2	RM-1F-S-021	4.2-4.7	4.7	RM-1F-S-047
2.2-2.7	2.7	RM-1F-S-026	4.7-5.2	5.2	RM-1F-S-052
2.7-3.2	3.2	RM-1F-S-031	5.2-5.7	5.7	RM-1F-S-057
3.2-3.7	3.7	RM-1F-S-036	5.7-6.2	6.2	RM-1F-S-062
3.7-4.2	4.2	RM-1F-S-036	6.2-6.7	6.7	RM-1F-S-067

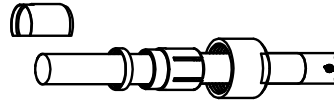
RM-1F-E



Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator
1.7-2.2	2.2	RM-1F-E-021	4.2-4.7	4.7	RM-1F-E-047
2.2-2.7	2.7	RM-1F-E-026	4.7-5.2	5.2	RM-1F-E-052
2.7-3.2	3.2	RM-1F-E-031	5.2-5.7	5.7	RM-1F-E-057
3.2-3.7	3.7	RM-1F-E-036	5.7-6.2	6.2	RM-1F-E-062
3.7-4.2	4.2	RM-1F-E-036			

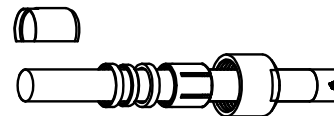
RM-F series Cable collet

RM-AF-S



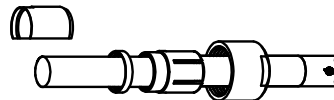
Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
2.2-2.7	2.7	RM-AF-S-027	4.7-5.2	4.7	RM-AF-S-047
2.7-3.2	3.2	RM-AF-S-032	5.2-5.7	5.7	RM-AF-S-057
3.2-3.7	3.7	RM-AF-S-037	5.7-6.2	6.2	RM-AF-S-062
3.7-4.2	4.2	RM-AF-S-042	6.2-6.7	6.7	RM-AF-S-067
4.2-4.7	4.7	RM-AF-S-047	6.7-7.2	7.2	RM-AF-S-072

RM-AF-E



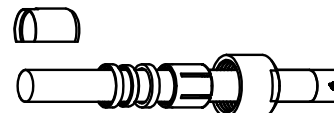
Cable dia Range	Collet Ø (mm)	Cable Clamp Set	Cable dia Range	Collet Ø (mm)	Cable Clamp Set
2.2-2.7	2.7	RM-AF-E-027	4.7-5.2	4.7	RM-AF-E-047
2.7-3.2	3.2	RM-AF-E-032	5.2-5.7	5.7	RM-AF-E-057
3.2-3.7	3.7	RM-AF-E-037	5.7-6.2	6.2	RM-AF-E-062
3.7-4.2	4.2	RM-AF-E-042	6.2-6.7	6.7	RM-AF-E-067
4.2-4.7	4.7	RM-AF-E-047			

RM-2F-S



Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator		Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	
		Plug	Receptacle			Plug	Receptacle
2.9-4.0	4.0	RM-2F-S-040	RM-2F-S-032	6.7-7.7	7.7	RM-2F-S-077	RM-2F-S-077
4.0-4.7	4.7	RM-2F-S-047	RM-2F-S-037	7.7-8.7	8.7	RM-2F-S-087	RM-2F-S-087
4.7-5.7	5.7	RM-2F-S-057	RM-2F-S-042	8.7-9.1	9.1	RM-2F-S-091	RM-2F-S-091
5.7-6.7	6.7	RM-2F-S-067	RM-2F-S-067				

RM-2F-E



Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator		Cable dia Range	Collet Ø (mm)	Cable Clamp Set PPS Insulator	
		Plug	Receptacle			Plug	Receptacle
2.9-4.0	4.0	RM-2F-E-040	RM-2F-E-032	5.7-6.7	6.7	RM-2F-E-067	RM-2F-E-067
4.0-4.7	4.7	RM-2F-E-047	RM-2F-E-037	6.7-7.7	7.7	RM-2F-E-077	RM-2F-E-077
4.7-5.7	5.7	RM-2F-E-057	RM-2F-E-042	7.7-8.7	8.7	RM-2F-E-087	RM-2F-E-087





RM-B series

Metal Circular Push-pull Self-latching Connectors

RM-B series

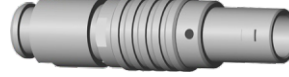
Plugs



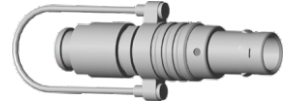
FGG



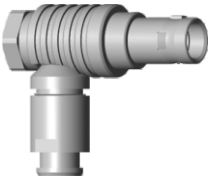
FEG



FFG

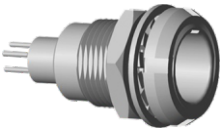


FNG



FHG

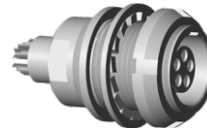
Receptacles



ECG



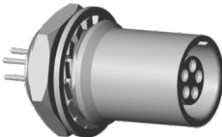
EEG



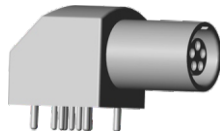
EFG



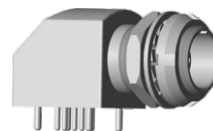
EGG



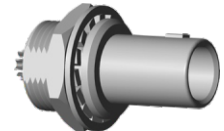
EHG



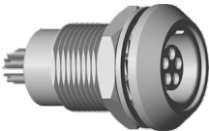
EPG



EXG



FAG



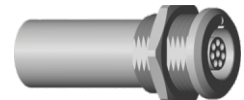
HGG



HHG



HEG



RGG

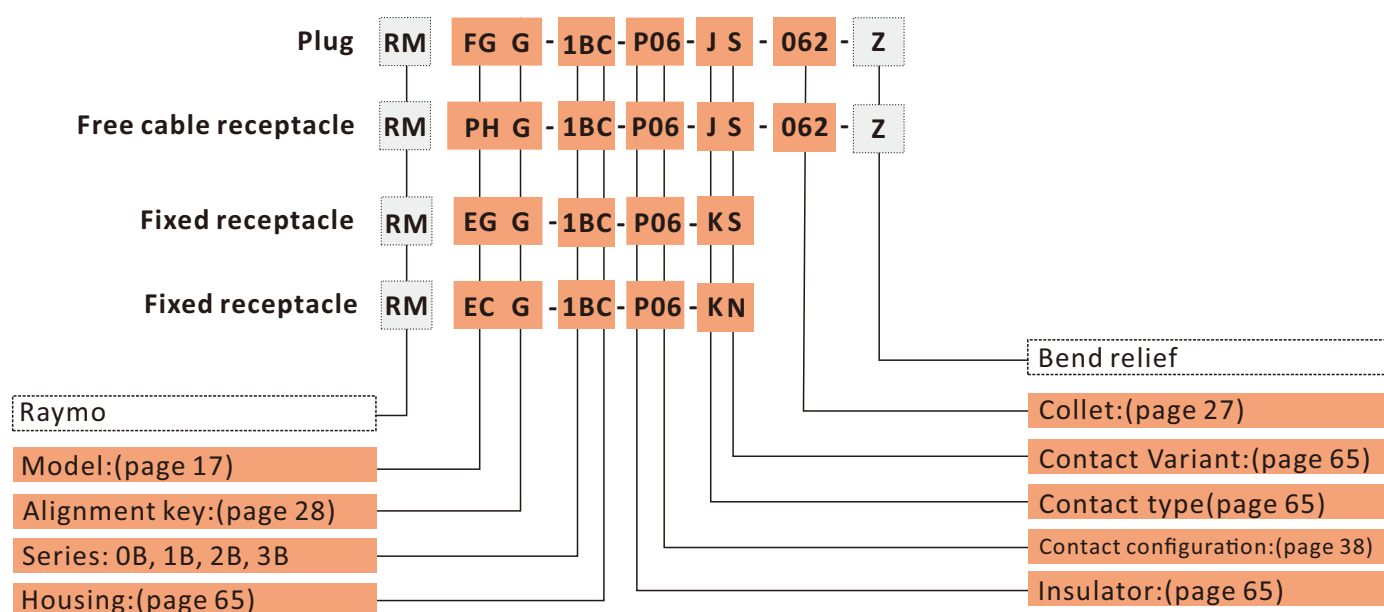


PFG



PHG

Part Numbering System



Part Number Example

Straight plug with cable collet

RM-FGG-1BC-P06JS-062Z = straight plug with key (G) and cable collet, 1B series, multipole type with 5 contacts, outer shell in natural chrome-plated brass, PPS insulator, male solder contacts, collet for 5.2-6.2mm diameter cable, nut for fitting a bend relief.

Free cable mount receptacle

RM-PHG-1BC-P06KS-062 = free cable receptacle with key (G) and cable collet, 1B series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, female solder contacts, collet for 5.2-6.2 mm diameter cable.

Fixed receptacle

RM-EGG-1BC-P06KS= fixed receptacle, nut fixing, with key (G), 1B series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, female solder contacts.

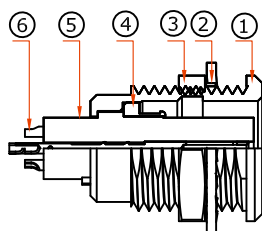
Fixed receptacle

RM-ECG-1BC-P06KN= fixed receptacle with two screw nuts, nut fixing, with key (G), 1B series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, female PCB contacts.

Part Section Showing Internal Components

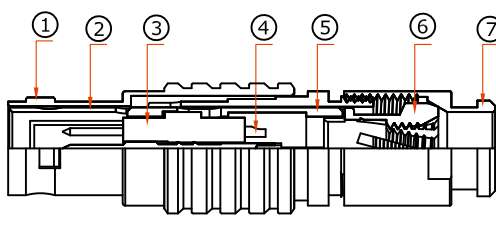
Fixed receptacle

- ① outer shell
- ② retaining ring
- ③ hexagonal nut
- ④ locking washer
- ⑤ insulator
- ⑥ female contact



Straight plug

- ① outer shell
- ② latch sleeve
- ③ insulator
- ④ male contact
- ⑤ split insert carrier
- ⑥ collet
- ⑦ collet nut

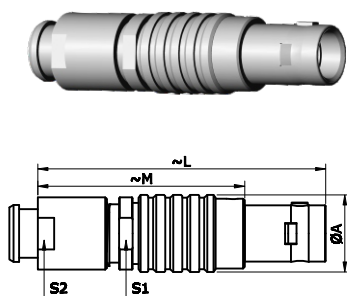


Technical Characteristics Mechanical and Climatical

Characteristics	Value	Standard
Endurance	>5000cycles	IEC60512-5test9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C, +250°C	
Resistance to vibration	10-2000Hz,15g	IEC 60512-4 test 6d.
Shock resistance	100g, 6ms	IEC 60512-4 test 6c.
Salt spray corrosion test	>72h	IEC 60512-6 test 11f.
Protection index (mated)	IP 50	IEC 60529
Climatical category	55/175/21	IEC 60068-1

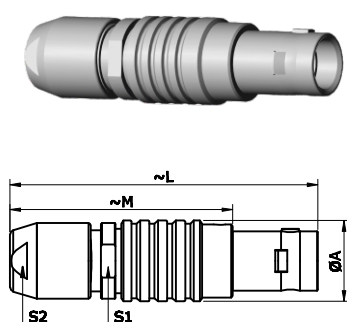
Electrical

Characteristics		Value	Standard
Shielding efficiency	at 10 MHZ	>75 dB	IEC 60619-1-3
	at 1 GHZ	>40 dB	IEC 60619-1-3



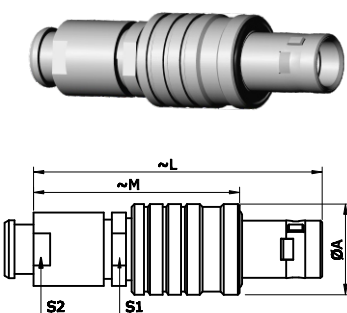
RM-FGG Cable Mount Straight Plug, Key(G) or other keys (A...M) cable collet and nut for fitting a bend relief

Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
RM-FGG	00	6.4	28.5	20	5.5	6.0
RM-FGG	0B	9.5	35.0	25.0	8.0	8.0
RM-FGG	1B	12.0	42.0	31.0	10.0	9.0
RM-FGG	2B	15.0	49.0	37.0	13.0	12.0
RM-FGG	3B	18.0	58.5	43.5	15.0	15.0



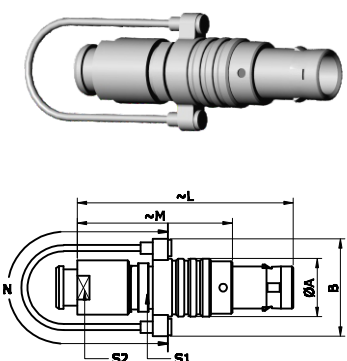
RM-FGG Cable Mount Straight Plug,
Key(G) or other keys (A...M) cable collet

Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
RM-FGG	00	6.4	28.5	20.5	5.5	5.0
RM-FGG	0B	9.5	36.0	26.0	8.0	7.0
RM-FGG	1B	12.0	43.0	32.0	10.0	9.0
RM-FGG	2B	15.0	50.0	38.0	13.0	12.0
RM-FGG	3B	18.0	58.0	43.0	15.0	14.0



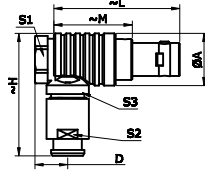
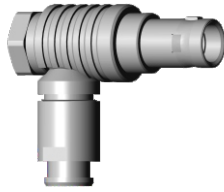
RM-FEG Cable Mount Straight Plug, front sealed,
Key(G) or other keys (A...M) cable
collet and nut for fitting a bend relief

Reference		Dimensions(mm)				
Model	Series	A	L	M	S1	S2
RM-FEG	0B	11.0	35.0	25.0	8.0	8.0
RM-FEG	1B	13.5	42.0	33.0	10.0	9.0
RM-FEG	2B	16.5	48.0	36.0	13.0	12.0
RM-FEG	3B	19.0	56.0	41.5	15.0	15.0



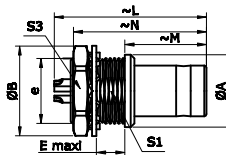
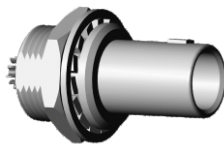
RM-FNG Cable Mount Straight Plug,
Key(G) or other keys (A...M)
cable collet and lanyard release

Reference		Dimensions(mm)						
Model	Series	A	B	L	M	N	S1	S2
RM-FNG	0B	9.5	15.95	34.62	24.3	140	8.0	8.0
RM-FNG	1B	12.0	18.0	43.0	32.0	140	10.0	9.0
RM-FNG	2B	15.0	21.0	49.0	37.0	160	13.0	12.0
RM-FNG	3B	18.0	25.0	58.0	43.0	190	15.0	14.0



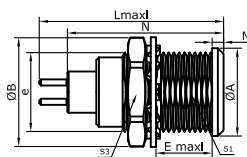
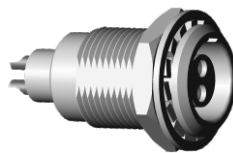
RM-FHG Cable Mounted Elbow Plug, 90°,
key (G) or keys(A,B,,,M and R),
Cable Collet

Reference		Dimensions(mm)							
Model	Series	A	D	H	L	M	S1	S2	S3
RM-FHG	0B	11.0	6.5	23.5	26.5	16.5	10.0	7.0	8.0
RM-FHG	1B	13.5	8.0	30.5	36.0	25.0	11.0	9.0	10.0
RM-FHG	2B	16.5	9.0	40.0	37.7	25.6	14.0	12.0	13.0
RM-FHG	3B	19.0	10.0	37.0	50.0	35.0	17.0	14.0	15.0



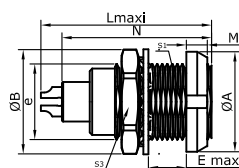
RM-FAG Panel Mount fixed Plug . non-latching,
Nut fixing, key (G) or keys(A,B,,,M and R)

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-FAG	0B	10.0	12.4	M9*0.6	4.2	20.8	11.5	18.9	8.2	11.0
RM-FAG	1B	14.0	15.8	M12*1.0	5.4	25.2	12.5	21.6	10.5	14.0
RM-FAG	2B	18.0	19.2	M15*1.0	6.0	28.7	13.8	23.9	13.5	17.0
RM-FAG	3B	22.0	25.0	M18*1.0	5.8	32.1	17.0	30.2	16.5	22.0



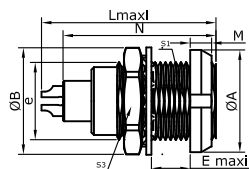
RM-EGG Panel Mount Fixed Receptacle,
Nut fixing, key (G) or keys(A,B,,,M and R),

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-EGG	00B	8.0	10.2	M7*0.5	6.0	15.5	1.0	13.7	6.3	9.0
RM-EGG	0B	10.0	12.4	M9*0.6	7.0	20.7	1.2	19.1	8.2	11.0
RM-EGG	1B	14.0	15.8	M12*1.0	7.5	23.0	1.5	21.1	10.5	14.0
RM-EGG	2B	18.0	19.2	M15*1.0	8.5	26.7	1.8	24.6	13.5	17.0
RM-EGG	3B	21.8	25.0	M18*1.0	11.5	37.1	2.0	24.6	16.5	22.0



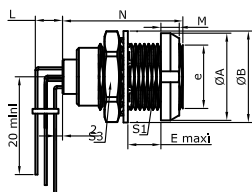
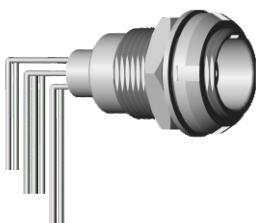
RM-ECG Panel Mount Receptacle with two screw nuts,
Key(G) or other keys (A...M), back panel mounting

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-ECG	0B	12.0	12.4	M9*0.6	5.5	20.7	2.5	16.4	8.2	11.0
RM-ECG	1B	16.0	15.8	M12*1.0	6.0	23.0	3.5	19.8	10.5	14.0
RM-ECG	2B	20.0	19.2	M15*1.0	6.5	26.7	3.5	20.2	13.5	17.0
RM-ECG	3B	24.0	25.0	M18*1.0	9.0	30.7	4.5	25.8	16.5	22.0



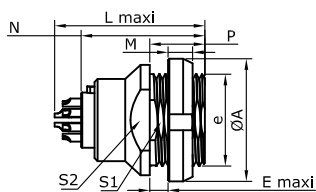
RM-ECG Panel Mount Receptacle with two screw nuts, Key(G) or other keys (A...M), straight contact for printed circuit, back panel mounting

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-ECG	0B	12.0	12.4	M9*0.6	5.5	20.7	2.5	16.4	8.2	11.0
RM-ECG	1B	16.0	15.8	M12*1.0	6.0	23.0	3.5	19.8	10.5	14.0
RM-ECG	2B	20.0	19.2	M15*1.0	6.5	26.7	3.5	21.8	13.5	17.0
RM-ECG	3B	24.0	25.0	M18*1.0	9.0	30.7	4.5	25.8	16.5	22.0



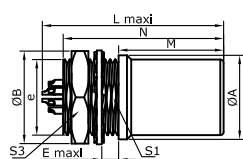
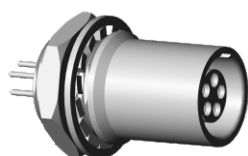
RM-ECG Panel Mount Fixed Receptacle with two screw nuts, Key(G) or other keys (A...M) cable collet and elbow 90° contact for printed circuit

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	M	N	S1	S3
RM-ECG	0B	12.0	12.4	M9*0.6	5.5	2.5	18.3	8.2	11.0
RM-ECG	1B	16.0	15.8	M12*1.0	6.0	3.5	20.3	10.5	14.0
RM-ECG	2B	20.0	19.2	M15*1.0	6.5	3.5	22.3	13.5	17.0
RM-ECG	3B	24.0	25.0	M18*1.0	9.0	4.5	25.8	16.5	22.0



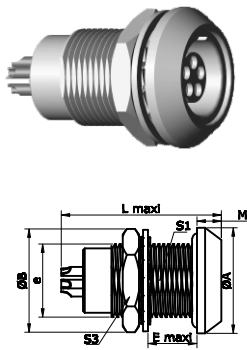
RM-EEG Panel Mount Fixed Receptacle, nut fixing, Key(G) or other keys (A...M), back panel mounting

Reference		Dimensions(mm)									
Model	Series	A	B	e	E	L	M	N	P	S1	S2
RM-EEG	0B	12.0	12.5	M9*0.6	2.4	20.7	2.5	19.1	6.3	8.2	9.0
RM-EEG	1B	16.0	16.0	M12*1.0	6.5	23.0	3.5	21.1	11.0	10.5	13.0
RM-EEG	2B	20.0	20.0	M15*1.0	3.0	26.7	3.5	24.6	9.0	13.5	15.0



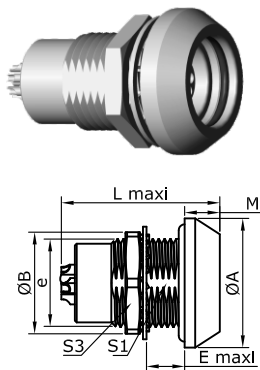
RM-EHG Panel Mount Fixed Receptacles, nut fixing, ey(G) or other keys (A...M) and protruding shell

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-EHG	0B	10.0	12.4	M9*0.6	2.0	19.5	12.5	19.1	8.2	11.0
RM-EHG	1B	14.0	15.8	M12*1.0	4.0	21.7	12.0	21.1	10.5	14.0
RM-EHG	2B	18.0	19.2	M15*1.0	5.1	22.7	12.5	24.6	13.5	17.0



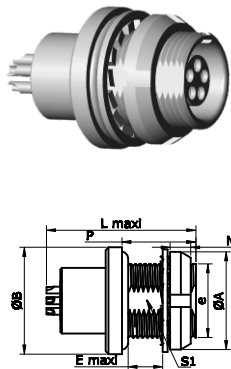
RM-HGG Panel Mount Sealed Fixed Receptacle,
nut fixing, Key(G) or other keys (A...M)

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S3	
RM-HGG	0B	13.0	12.4	M9*0.6	7.0	21.5	3.0	8.2	11.0	
RM-HGG	1B	18.0	15.8	M12*1.0	7.0	26.6	4.5	10.5	14.0	
RM-HGG	2B	20.0	19.2	M15*1.0	8.0	31.6	4.0	13.5	17.0	



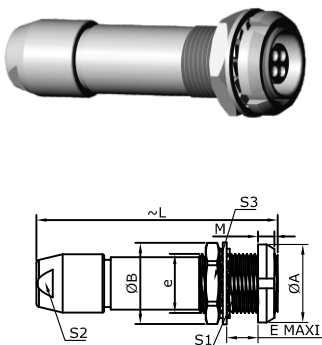
RM-HHG Panel Mounted Sealed Fixed Receptacle,
nut fixing, Key(G) or other keys (A...M)

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S3	
RM-HHG	0B	13.0	12.4	M9*0.6	7.0	23.2	4.8	8.2	11.0	
RM-HHG	1B	18.0	15.8	M12*1.0	7.0	30.3	5.2	10.5	14.0	
RM-HHG	2B	20.0	19.2	M15*1.0	8.0	35.6	6.0	13.5	17.0	



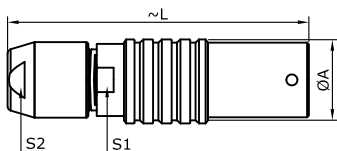
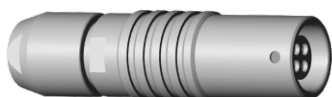
RM-HEG Panel Mount Sealed Fixed Receptacle,
nut fixing, Key(G) or other keys (A...M),
back panel mounting

Reference		Dimensions(mm)									
Model	Series	A	B	e	E	L	M	P	S1	S3	
RM-HEG	0B	12.0	13.0	M9*0.6	2.5	20.2	2.5	9.0	8.2	-	
RM-HEG	1B	16.0	18.0	M12*1.0	5.5	26.6	3.5	11.0	10.5	-	
RM-HEG	2B	20.0	20.0	M15*1.0	6.5	31.6	3.5	9.6	13.5	15.0	



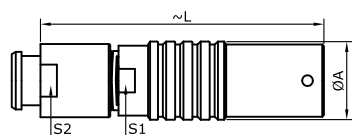
RM-PFG Panel Mount Cable Receptacle, nut fixing,
Key(G) or other keys (A...M),
cable collet, back panel mounting

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	S1	S2	S3
RM-PFG	0B	12.0	12.4	M9*0.6	5.0	35.5	2.5	8.2	7.0	11.0
RM-PFG	1B	16.0	15.8	M12*1.0	5.0	40.7	3.5	10.5	9.0	14.0
RM-PFG	2B	20.0	19.2	M15*1.0	6.5	47.0	3.5	13.5	12.0	17.0
RM-PFG	3B	24.0	25.0	M18*1.0	9.0	56.0	4.5	16.5	14.0	22.0



RM-PHG Cable Mount Receptacle, Key(G) or other keys (A...M), cable collet

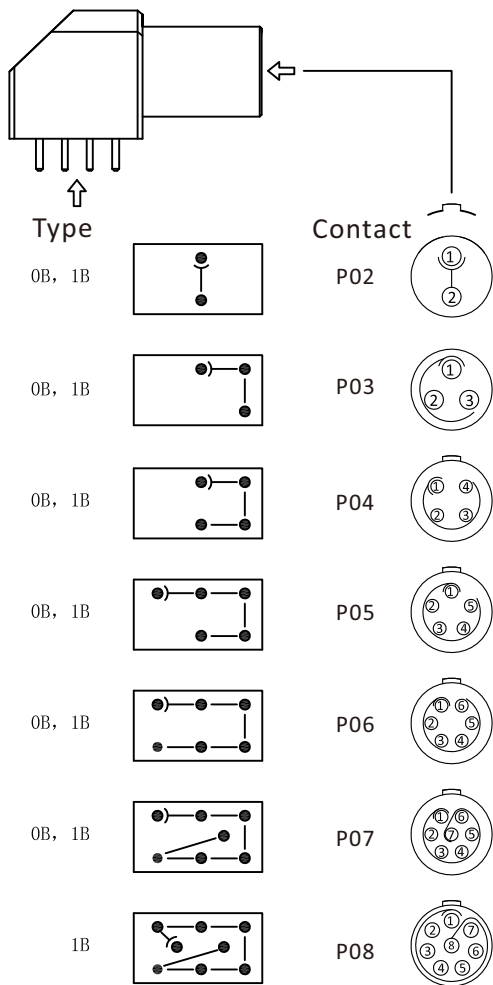
Reference		Dimensions(mm)			
Model	Series	A	L	S1	S2
RM-PHG	0B	9.5	35.5	8.0	7.0
RM-PHG	1B	12.5	40.5	10.0	9.0
RM-PHG	2B	16.5	47.0	13.0	12.0
RM-PHG	3B	19.0	56.0	15.0	14.0



RM-PHG Cable Mount Receptacle, Key(G) or other keys (A...M), cable collet and nut for fitting a bend relief

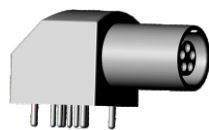
Reference		Dimensions(mm)			
Model	Series	A	L	S1	S2
RM-PHG	0B	9.5	35.5	8.0	8.0
RM-PHG	1B	12.5	40.5	10.0	9.0
RM-PHG	2B	16.5	47.0	13.0	12.0
RM-PHG	3B	19.0	56	15.0	14.0

Technical Characteristics

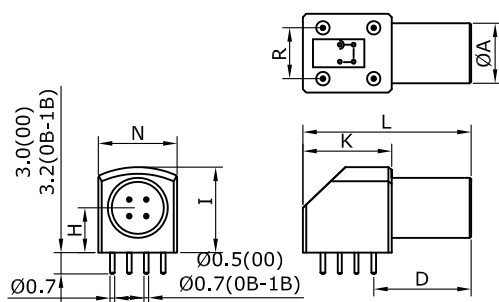


Electrical

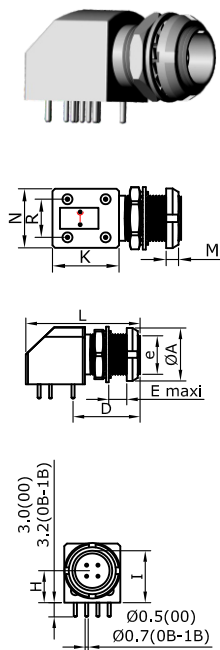
Model	Shell Size	Contact No.	Test voltage (contact- shell)/V	Test voltage (contact- shell)/V	Rated current /A
RM-EPG-EXG	0B	P02	1.45	1.20	4.5
RM-EPG-EXG	0B	P03	1.70	1.60	4.5
RM-EPG-EXG	0B	P04	1.30	1.10	4.5
RM-EPG-EXG	0B	P05	1.25	1.20	4.5
RM-EPG-EXG	0B	P06	1.25	1.20	2.5
RM-EPG-EXG	0B	P07	1.00	1.20	2.0
RM-EPG-EXG	1B	P02	1.70	1.45	4.5
RM-EPG-EXG	1B	P03	1.60	1.85	4.5
RM-EPG-EXG	1B	P04	1.70	1.80	4.5
RM-EPG-EXG	1B	P05	1.30	1.55	4.5
RM-EPG-EXG	1B	P06	1.35	1.45	4.5
RM-EPG-EXG	1B	P07	1.45	1.45	2.0
RM-EPG-EXG	1B	P08	1.30	1.30	2.0
RM-EPG	1B	P14	1.00	1.30	1.0



RM-EPG Elbow (90°) Receptacle for printed circuit,
key (G) or keys(A..F) (solder or screw fixing)

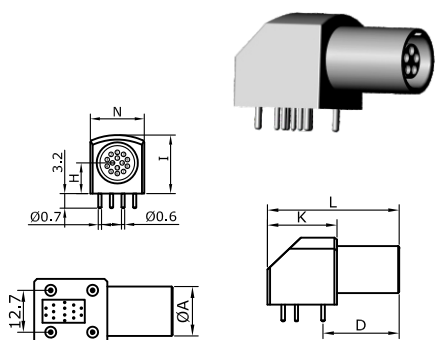


Model	Dimensions(mm)							
	A	D	H	I	K	L	N	R
RM-EPG-0BC-P02KN	9.0	14.6	6.7	12.6	13.3	25.0	11.7	7.62
RM-EPG-0BC-P03KN								
RM-EPG-0BC-P04KN								
RM-EPG-0BC-P05KN								
RM-EPG-0BC-P06KN								
RM-EPG-0BC-P07KN								
RM-EPG-1BC-P02KN	11.0	16.6	7.5	14.0	13.3	27.0	12.6	7.62
RM-EPG-1BC-P03KN								
RM-EPG-1BC-P04KN								
RM-EPG-1BC-P05KN								
RM-EPG-1BC-P06KN								
RM-EPG-1BC-P07KN								
RM-EPG-1BC-P08KN								



RM-EXG Elbow (90°) Receptacle for printed circuit, key (G) or keys(A..F)
(solder or screw fixing) back panel mounting

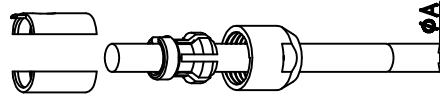
Model	Dimensions(mm)												
	A	B	D	e	E	H	I	K	L	M	N	R	S3
RM-EXG-0BC-P02KN	12	12.4	14.6	M9 * 0.6	6	6.7	12.6	13.3	25	2.5	11.7	7.62	11
RM-EXG-0BC-P03KN													
RM-EXG-0BC-P04KN													
RM-EXG-0BC-P05KN													
RM-EXG-0BC-P06KN													
RM-EXG-0BC-P07KN													
RM-EXG-1BC-P02KN													
RM-EXG-1BC-P03KN	14	15	16.6	M11 * 0.5	7.5	7.5	14	13.3	27	3.5	12.6	7.62	13
RM-EXG-1BC-P04KN													
RM-EXG-1BC-P05KN													
RM-EXG-1BC-P06KN													
RM-EXG-1BC-P07KN													
RM-EXG-1BC-P08KN													



RM-EPG Elbow (90°) Receptacle for printed circuit, key (G) or keys(A..F)
(solder or screw fixing)

Model	Dimensions(mm)						
	A	D	H	I	K	L	N
RM-EPG-1BC-P14KN	11	21	7.7	14.3	19	36	15.4

RM-B series Cable collet



Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-00B-022	22	2.2	-	2.2	1.4
RM-CCT-00B-027	27	2.7	-	2.7	>2.2
RM-CCT-00B-035	35	3.5	2.8	3.5	>2.7

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-0B-021	21	2.1	-	2.2	1.4
RM-CCT-0B-032	32	3.2	-	3.2	>2.2
RM-CCT-0B-042	41	4.1	-	4.2	>3.2
RM-CCT-0B-052	52	5.2	4.7	5.2	>4.2
RM-CCT-0B-056	56	5.6	4.7	5.6	>5.7 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-1B-042	42	4.2	-	4.2	2.5
RM-CCT-1B-052	52	5.2	-	5.2	>4.2
RM-CCT-1B-062	62	6.2	-	6.2	>5.2
RM-CCT-1B-072	72	7.2	6.7	7.2	>6.2
RM-CCT-1B-076	76	7.6	6.7	7.5	7.1 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-2B-042	42	4.2	-	4.2	>3.2
RM-CCT-2B-052	52	5.2	-	5.2	>4.2
RM-CCT-2B-062	62	6.2	-	6.2	>5.2
RM-CCT-2B-072	72	7.2	-	7.2	>6.2
RM-CCT-2B-082	82	8.2	-	8.2	>7.2
RM-CCT-2B-092	92	9.2	8.6	9.2	>8.2
RM-CCT-2B-099	99	9.9	8.6	9.7	9.1 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-3B-062	62	6.2	-	6.2	4.9
RM-CCT-3B-072	72	7.2	-	7.7	>6.2
RM-CCT-3B-082	82	8.2	-	8.0	7.1
RM-CCT-3B-092	92	9.2	-	9.2	>7.7
RM-CCT-3B-100	10	10.2	-	10.7	>9.2
RM-CCT-3B-110	11	11.2	10.2	11.0	10.1
RM-CCT-3B-120	12	11.9	10.2	11.7	11.1 ①

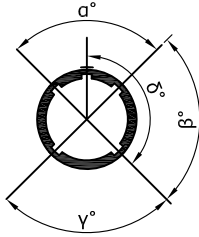
① This cable collet is only for round cable collet nut, not fit for cable nut with bend relief type.

Alignment key and Polarized Keys(RM-B series)

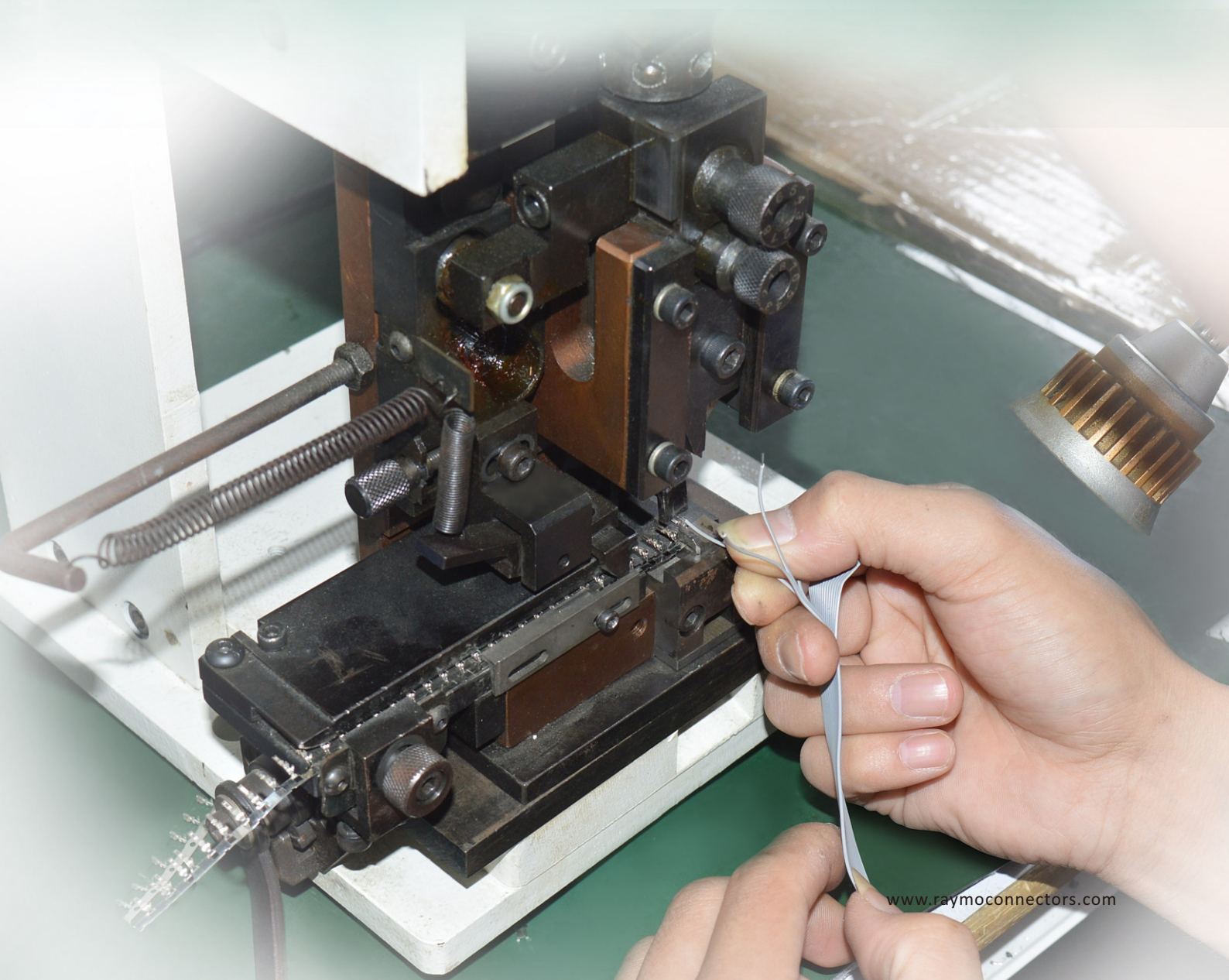
RM-B series connector model part numbers are composed of five letters.

The last letter indicated the key position and the contact type (male or female).

Front view of receptacle



Code	Keys No.	Angles	Series			Code	Keys No.	Angles	Series		Contact Type	
			00	0B	1B				2B	3B	Plug	Receptacle
G	1		0°	0°	0°	G	1		0°	0°	Male	Female
A	2	α	30°	30°	30°	A	2	α	30°	30°	Male	Female
B	2		60°	60°	60°	B	2		45°	45°	Male	Female
C	2		-	90°	90°	C	2		60°	60°	Male	Female
D	2	β	-	135°	135°	D	2	γ	95°	95°	Male	Female
E	2		-	145°	145°	E	2		120°	120°	Male	Female
F	2		-	155°	155°	F	2		145°	145°	Male	Female
J	2	γ	45°	45°	45°	J	2	α	37.5°	37.5°	Male	Female
K	2		-	70°	70°	K	2		52.5°	52.5°	Male	Female
L	2		-	80°	80°	L	2		70°	70°	Male	Female
M	2	δ	-	110°	-	M	2	δ	-	-	Male	Female



RM-K series

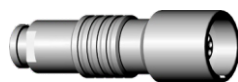
Plugs



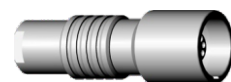
FGG



FGG



PHG



PHG

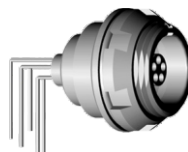
Receptacles



EGG



ECG



EEG



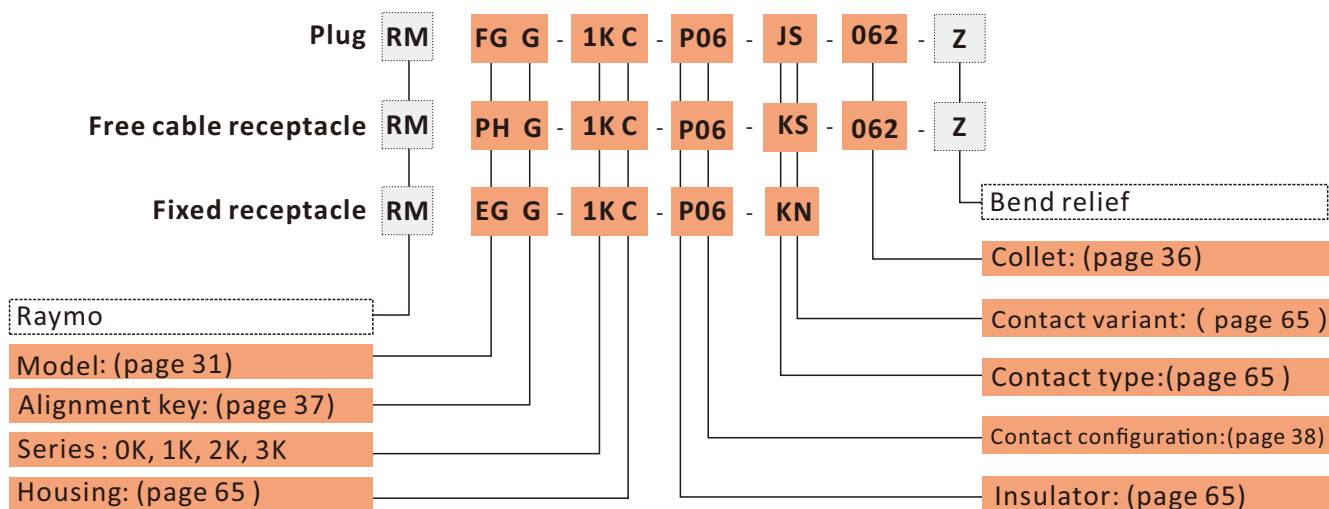
HGG



RM-K series

Metal Waterproof Push-pull Self-latching Connectors

Part Numbering System



Part No.Example

Straight plug with cable collet

RM-FGG-1KC-P06JS-062Z = straight plug with key (G) and cable collet, 1K series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, male solder contacts, collet for 5.2-6.2 mm diameter cable with a black colour bend relief..

Free cable receptacle

RM-PHG-1KC-P06KS-062Z = free cable receptacle with key (G) and cable collet, 1K series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, female solder contacts, collet for 5.2-6.2 mm diameter cable and nut for fitting a black colour bend relief.

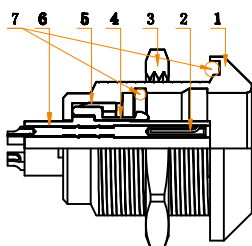
Fixed receptacle

RM-EGG-1KC-P06KN = fixed receptacle, nut fixing, with key (G), 1K series, multipole type with 6 contacts, outer shell in natural chrome plated brass, PPS insulator, female pcb contacts.

Part Section Showing Internal Components

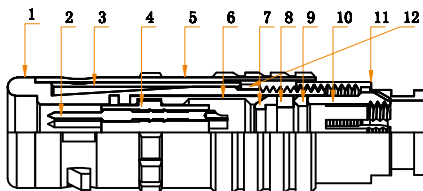
Fixed receptacle

- ① outer shell
- ② insulator
- ③ hexagonal nut
- ④ retaining ring
- ⑤ earthing crown
- ⑥ female contact
- ⑦ o-ring



Straight plug

- ① outer shell
- ② male contact
- ③ latch sleeve
- ④ insulator
- ⑤ inner shell
- ⑥ split insert carrier
- ⑦ earthing cone
- ⑧ gasket
- ⑨ washer
- ⑩ collet
- ⑪ collet nut
- ⑫ retaining ring

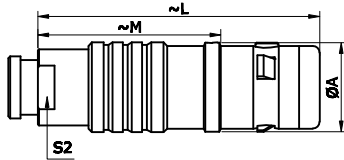


Technical Characteristics Mechanical and Climatical

Characteristics	Value	Standard
Endurance	>5000cycles	IEC60512-5test9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C, +250°C	
Resistance to vibrations	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	>72h	IEC 60512-6 test 11f
Protection index (mated)	IP 68	IEC 60529
Climatical category	55/175/21	IEC 60068-1

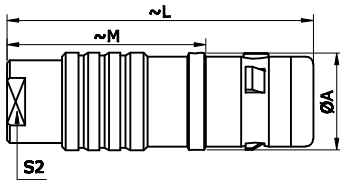
Electrical

Characteristics		Value	Standard
Shielding efficiency	at 10 MHZ	>95 dB	IEC 60619-1-3
	at 1 GHZ	>80 dB	IEC 60619-1-3



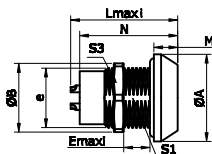
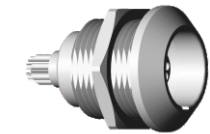
RM-FGG Waterproof Cable Mount Straight Plug,
Key (G) or other keys (A...L)
cable collet and nut for fitting a bend relief

Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
RM-FGG	0K	11.0	34.0	23.0	7.0
RM-FGG	1K	13.0	42.0	28.0	9.0
RM-FGG	2K	16.0	52.0	36.0	12.0
RM-FGG	3K	19.0	60.0	40.0	15.0



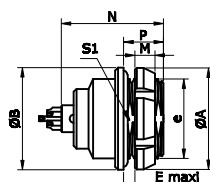
RM-FGG Waterproof Cable Mount Straight Plug,
Key(G) or other keys (A...L) cable collet

Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
RM-FGG	0K	11.0	34.0	23.0	7.0
RM-FGG	1K	13.0	42.0	28.0	9.0
RM-FGG	2K	16.0	52.0	36.0	12.0
RM-FGG	3K	19.0	60.0	40.0	15.0



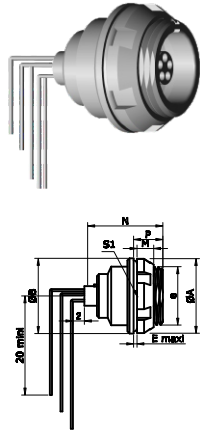
RM-EGG Panel Mount Fixed Receptacle, nut fixing, key (G)
or keys (A to F, L, and R), in solder or PCB printed type

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-EGG	0K	18.0	19.2	M14*1.0	6	21.7	4.0	20.0	12.5	17
RM-EGG	1K	20.0	21.5	M16*1.0	9	27.0	4.5	25.1	14.5	19
RM-EGG	2K	25.0	27.0	M20*1.0	9	30.7	5.0	28.6	18.5	24
RM-EGG	3K	31.0	34.0	M24*1.0	11	36.2	6.0	33.6	22.5	30



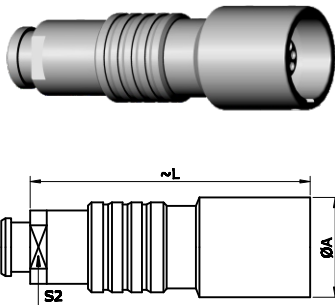
RM-EEG Panel Mount Fixed Receptacle, nut fixing, key (G)
or keys (A to F, L, and R), in solder or PCB printed type
(back panel mounting)

Reference		Dimensions(mm)								
Model	Series	A	B	e	E	M	N	P	S1	
RM-EEG	0K	18.0	18.0	M14*1.0	3.4	3.5	20.1	7.0	12.5	
RM-EEG	1K	20.0	20.0	M16*1.0	6.2	3.5	25.1	10.0	14.5	
RM-EEG	2K	25.0	25.0	M20*1.0	5.0	3.5	28.6	10.0	18.5	
RM-EEG	3K	30.0	31.0	M24*1.0	7.5	4.5	33.6	12.0	22.5	



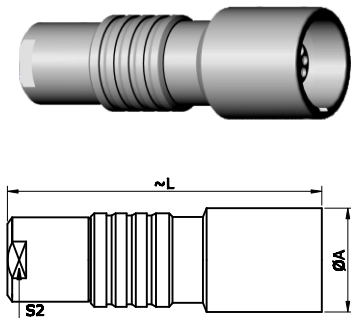
RM-EEG Panel Mount Fixed Receptacle, nut fixing, key (G) or keys (A to F, L, and R), elbow 90° contact for or printed circuit (back panel mounting)

Reference		Dimensions(mm)							
Model	Series	A	B	e	E	M	N	P	S1
RM-EEG	0K	18.0	18.0	M14*1.0	3.4	3.5	20.1	7.0	12.5
RM-EEG	1K	20.0	20.0	M16*1.0	6.2	3.5	25.1	10.0	14.5
RM-EEG	2K	25.0	25.0	M20*1.0	5.0	3.5	28.6	10.0	18.5
RM-EEG	3K	30.0	31.0	M24*1.0	7.5	4.5	33.6	12.0	22.5



RM-PHG Free Cable Mounted receptacles, key (G) or keys (A to F, L, and R), cable collet and nut for fitting a bend relief

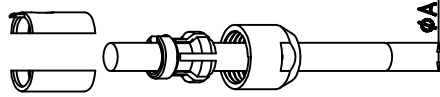
Reference		Dimensions(mm)		
Model	Series	A	L	S2
RM-PHG	0K	13.0	34.0	7.0
RM-PHG	1K	15.0	45.0	9.0
RM-PHG	2K	19.0	54.0	12.0
RM-PHG	3K	23.0	64.0	15.0



RM-PHG Free Cable Mounted Receptacles, key (G) or keys (A to F, L, and R), cable collet

Reference		Dimensions(mm)		
Model	Series	A	L	S2
RM-PHG	0K	13.0	34.0	8.0
RM-PHG	1K	15.0	45.0	9.0
RM-PHG	2K	19.0	54.0	12.0
RM-PHG	3K	23.0	65.0	15.0

RM-K series Cable collet



Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-0K-021	21	2.1	-	2.2	1.4
RM-CCT-0K-032	32	3.2	-	3.2	>2.2
RM-CCT-0K-042	41	4.1	-	4.2	>3.2
RM-CCT-0K-052	52	5.2	4.7	5.2	>4.2
RM-CCT-0K-056	56	5.6	4.7	5.6	>5.7 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-1K-042	42	4.2	-	4.2	2.5
RM-CCT-1K-052	52	5.2	-	5.2	>4.2
RM-CCT-1K-062	62	6.2	-	6.2	>5.2
RM-CCT-1K-072	72	7.2	6.7	7.2	>6.2
RM-CCT-1K-076	76	7.6	6.7	7.5	7.1 ①

Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-2K-042	42	4.2	-	4.2	>3.2
RM-CCT-2K-052	52	5.2	-	5.2	>4.2
RM-CCT-2K-062	62	6.2	-	6.2	>5.2
RM-CCT-2K-072	72	7.2	-	7.2	>6.2
RM-CCT-2K-082	82	8.2	-	8.2	>7.2
RM-CCT-2K-092	92	9.2	8.6	9.2	>8.2
RM-CCT-2K-099	99	9.9	8.6	9.7	9.1 ①

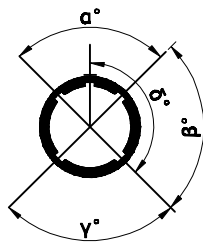
Cable Clamp Set		Cable collet (mm)		Cable dia Range	
type	code	φA	φB	Max	Min
RM-CCT-3K-062	62	6.2	-	6.2	4.9
RM-CCT-3K-072	72	7.2	-	7.7	>6.2
RM-CCT-3K-082	82	8.2	-	8.0	7.1
RM-CCT-3K-092	92	9.2	-	9.2	>7.7
RM-CCT-3K-100	10	10.2	-	10.7	>9.2
RM-CCT-3K-110	11	11.2	10.2	11.0	10.1
RM-CCT-3K-120	12	11.9	10.2	11.7	11.1 ①

① This cable collet is only for round cable collet nut, not fit for cable nut with bend relief type.

Alignment key and Polarized Keys(RM-K series)

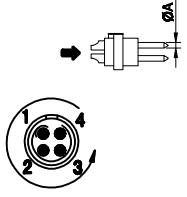
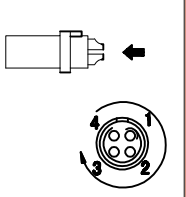
RM-K series connector model part numbers are composed of five letters.
The last letter indicated the key position and the contact type (male or female).

Front view of receptacle



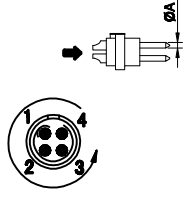
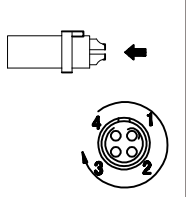
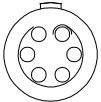
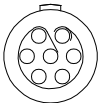
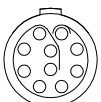
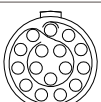
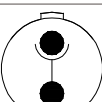
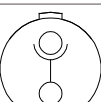
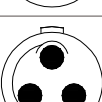
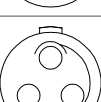
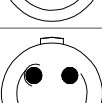
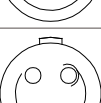
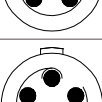
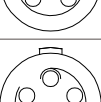
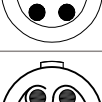
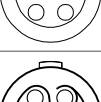
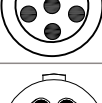
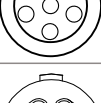
Code	Keys No.	Angles	Series				Contact Type	
			0K	1K	2K	3K	Plug	Receptacle
G	1		0°	0°	0°	0°	Male	Female
A	2	α	30°	30°	30°	30°	Male	Female
B	2		45°	45°	45°	45°	Male	Female
C	2		60°	60°	60°	60°	Male	Female
D	2	γ	95°	95°	95°	95°	Male	Female
E	2	β	120°	120°	120°	120°	Male	Female
F	2		145°	145°	145°	145°	Male	Female
L	2	γ	75°	75°	75°	75°	Male	Female

Multipole

	solder male contact	solder female contact	Insulator	Contact No.	φ A (MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
00			P02	2	0.5	●	●	●	1.00	0.95	5.0
			P03	3	0.5	●	●	●	0.80	0.95	3.0
			P04	4	0.5	●	●	●	0.80	0.65	2.0
0B OK			P02	2	0.9	●	●	●	1.30	1.05	10.0
			P03	3	0.9	●	●	●	1.20	0.90	8.0
			P04	4	0.7	●	●	●	0.85	0.70	7.0
			P05	5	0.7	●	●	●	1.00	0.70	6.5
			P06	6	0.5	●	●	●	0.85	0.65	2.5
			P07	7	0.5	●	●	●	0.80	0.70	2.5
			P09	9	0.5	●	●	○	0.60	0.50	2.0
1B 1K			P02	2	1.3	●	●	●	1.50	1.35	15.0
			P03	3	1.3	●	●	●	1.30	1.55	12.0
			P04	4	0.9	●	●	●	1.35	1.45	10.0
			P05	5	0.9	●	●	●	1.25	1.15	9.0

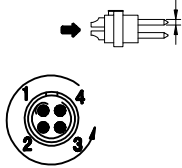
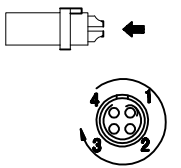
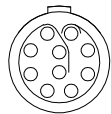
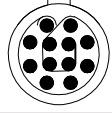
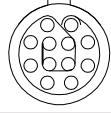
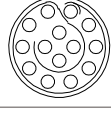
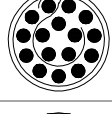
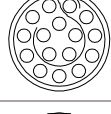
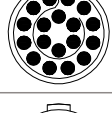
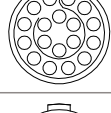
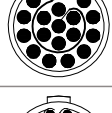
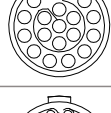
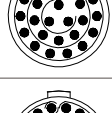
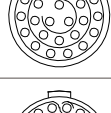
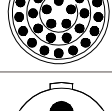
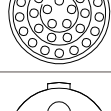
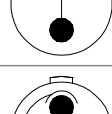
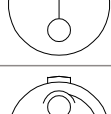
- First choice alternative
- Special order alternative

Multipole

	solder male contact	solder female contact	Insulator	Contact No.	φA(MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
1B 1K			P06	6	0.7	●	●	●	1.05	1.20	7.0
			P07	7	0.7	●	●	●	0.95	1.05	7.0
			P08	8	0.7	●	●	●	0.95	1.15	5.0
			P10	10	0.5	●	●	●	0.90	1.50	2.5
			P14	14	0.5	●	●	●	0.80	1.20	2.0
			P16	16	0.5	●	●	○	0.80	1.25	1.5
2B 2K			P02	2	2.0	●	●	●	2.10	1.75	25.0
			P03	3	1.6	●	●	●	2.40	1.85	17.0
			P04	4	1.3	●	●	●	1.85	1.85	15.0
			P05	5	1.3	●	●	●	1.75	1.60	14.0
			P06	6	1.3	●	●	●	1.35	1.45	12.0
			P07	7	1.3	●	●	●	1.75	1.60	11.0
											

● First choice alternative
○ Special order alternative

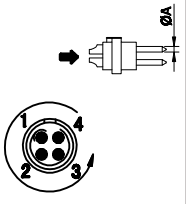
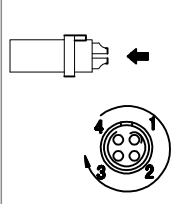
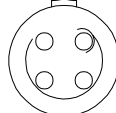
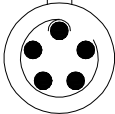
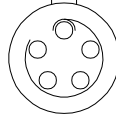
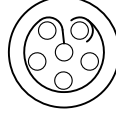
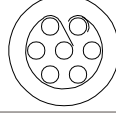
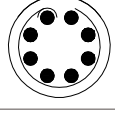
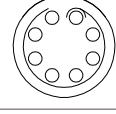
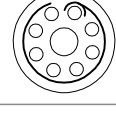
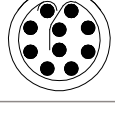
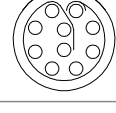
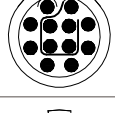
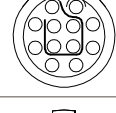
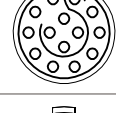
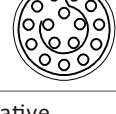
Multipole

	solder male contact	solder female contact	Insulator	Contact No.	φA(MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
2B 2K			P08	8	0.9	●	●	●	1.50	1.25	10.0
			P10	10	0.9	●	●	●	1.45	1.30	8.0
			P12	12	0.7	●	●	●	1.25	1.35	7.0
			P14	14	0.7	●	●	●	1.15	1.35	6.5
			P16	16	0.7	●	●	●	0.95	1.25	6.0
			P18	18	0.7	●	●	●	0.85	1.20	5.5
			P19	19	0.7	●	●	●	0.95	1.25	5.0
			P26	26	0.5	●	●	○	0.95	1.30	2.0
			P32	32	0.5	●	●	○	0.80	1.20	1.5
3B 3K			P02	2	3.0	●	○	-	2.10	1.55	35.0
			P03	3	2.0	●	●	○	1.90	1.50	25.0

● First choice alternative

○ Special order alternative

Multipole

	solder male contact 	solder female contact 	Insulator	Contact No.	ϕA (MM)	Contact type			Test voltage (contact -contact) k/v rms	Test voltage (contact -shell) k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
3B 3K			P04	4	2.0	●	●	●	1.45	1.25	19.0
			P05	5	1.6	●	●	○	1.90	1.25	19.0
			P06	6	1.6	●	●	○	1.60	1.15	17.0
			P07	7	1.6	●	●	○	1.70	1.25	15.0
			P08	8	1.3	●	●	●	1.65	1.15	13.0
			P09	8 1	1.3 2.0	●	●	-	1.35 1.35	1.05 1.05	6.0 15.0
			P10	10	1.3	●	●	○	1.25	0.90	12.0
			P12	12	0.9	●	●	●	1.45	1.00	9.0
			P14	14	0.9	●	●	●	1.20	1.20	9.0
			P16	16	0.9	●	●	●	1.20	0.85	8.0

- First choice alternative
- Special order alternative

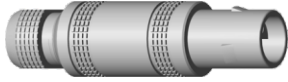


RM-S series

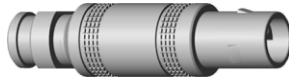
Half-moon Type Circular Push-pull Self-latching Connectors

RM-S series

Plugs

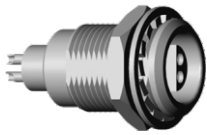


FFA

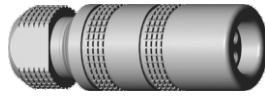


FFA

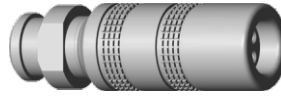
Receptacles



ERA

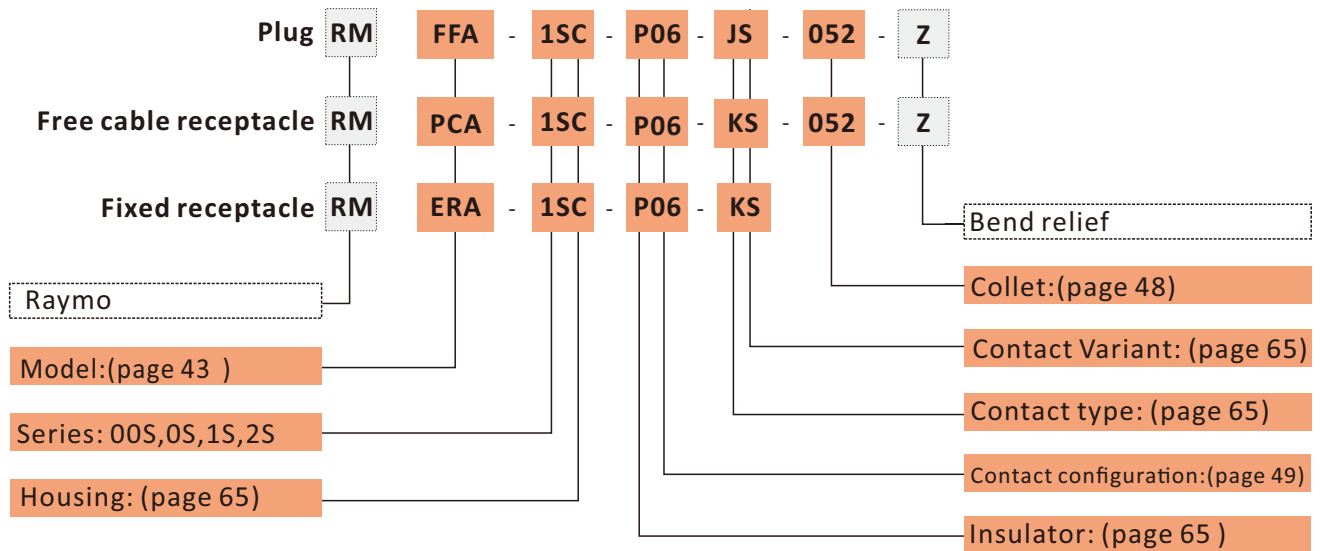


PCA



PCA

Part Numbering System



Part Number Example

Straight plug with cable collet

RM-FFA-1SC-P06JS-052Z = straight plug with cable collet, 1S series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, 3 male and 3 female solder contacts, cable collet for 4.2-5.2 mm diameter cable, nut for fitting a bend relief

Fixed receptacle

RM-ERA-1SC-P06KS = fixed receptacle, nut fixing, 1S series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, 3 female and 3 male solder contacts.

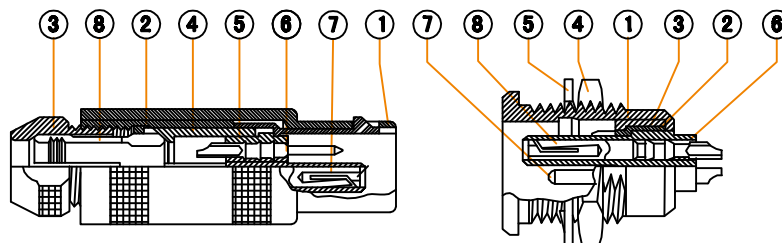
Free receptacle

RM-PCA-1SC-P06KS-052Z = free cable receptacle with cable collet, 1S series, multipole type with 6 contacts, outer shell in natural chrome-plated brass, PPS insulator, 3 female and 3 male solder contacts, C type collet for a 4.2-5.2 mm diameter cable and nut for fitting a bend relief.

Part Section Showing Internal Components

Straight plug

- ① outer shell
- ② latch sleeve
- ③ collet nut
- ④ center-piece
- ⑤ insulator
- ⑥ male contact
- ⑦ female contact
- ⑧ collet



Fixed receptacle

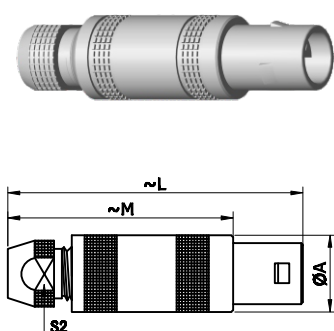
- ① outer shell
- ② earthing crown
- ③ retaining ring
- ④ hexagonal nut
- ⑤ locking washer
- ⑥ insulator
- ⑦ male contact
- ⑧ female contact

Technical Characteristics Mechanical and Climatical

Characteristics	Value	Standard
Endurance	>5000cycles	IEC60512-5test9a
Humidity	Up to 95 % at 60°C	
Temperature range	-55°C, +250°C	
Resistance to vibration	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	>72h	IEC 60512-6 test 11f
Protection index (mated)	IP 50	IEC 60529
Climatical category	55/175/21	IEC 60068-1

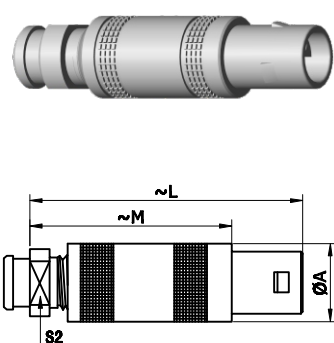
Electrical

Characteristics		Value	Standard
Shielding efficiency	at 10 MHZ	>75 dB	IEC 60619-1-3
	at 1 GHZ	>40 dB	IEC 60619-1-3



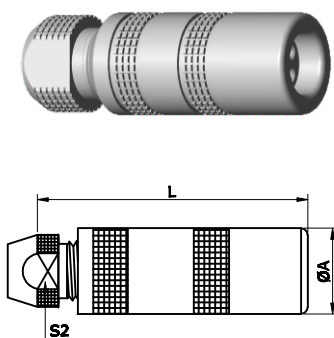
RM-FFA Straight Plug, Cable Collet

Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
RM-FFA	00S	6.4	26.0	18.0	4.5
RM-FFA	0S	9.0	34.5	24.5	6.5
RM-FFA	1S	12.0	42.5	31.5	8.5
RM-FFA	2S	14.8	52.0	40.0	11.0
RM-FFA	3S	17.8	61.0	46.0	14.0



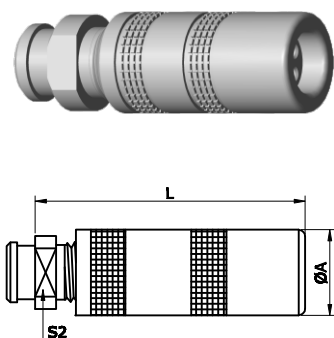
RM-FFA Straight Plug, Cable Collet and Nut for fitting a bend relief

Reference		Dimensions(mm)			
Model	Series	A	L	M	S2
RM-FFA	00S	6.4	26.0	18.0	4.5
RM-FFA	0S	9.0	34.5	24.5	6.5
RM-FFA	1S	12.0	42.5	31.5	8.5
RM-FFA	2S	14.8	52.0	40.0	11.0
RM-FFA	3S	17.8	61.0	46.0	14.0



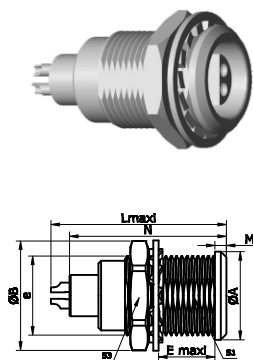
RM-PCA Free Cable Receptacle, Cable Collet

Reference		Dimensions(mm)		
Model	Series	A	L	S2
RM-PCA	0S	8.9	33.5	6.5
RM-PCA	1S	11.9	40.5	8.5
RM-PCA	2S	14.8	50.0	11.0
RM-PCA	3S	17.8	59.0	14.0



RM-PCA Free Cable Receptacle, Cable Collet and Nut for fitting a bend relief

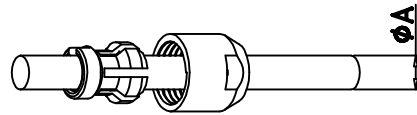
Reference		Dimensions(mm)		
Model	Series	A	L	S2
RM-PCA	00S	6.5	25.0	6
RM-PCA	0S	8.9	33.5	7
RM-PCA	1S	11.9	40.5	9
RM-PCA	2S	14.8	50.0	12.0
RM-PCA	3S	17.8	59.0	14.0



RM-ERA Panel Mount Fixed Receptacle, Nut fixing

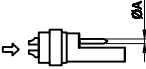
Reference		Dimensions(mm)								
Model	Series	A	B	e	E	L	M	N	S1	S3
RM-ERA	00S	8.0	10.2	M7*0.5	5.5	14.5	1.0	13.7	6.3	9.0
RM-ERA	0S	10.0	12.4	M9*0.6	7.0	17.5	1.2	19.1	8.2	11.0
RM-ERA	1S	14.0	15.8	M12*1.0	7.5	20.2	1.5	21.1	10.5	14.0
RM-ERA	2S	18.0	19.2	M15*1.0	8.5	24.5	1.8	24.6	13.5	17.0
RM-ERA	3S	22.0	25.0	M18*1.0	11.5	29.0	2.0	28.1	16.5	22.0

RM-S series Cable collet



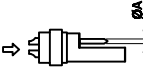
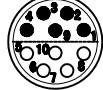
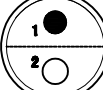
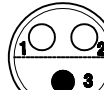
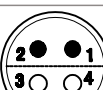
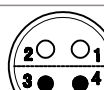
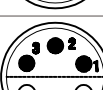
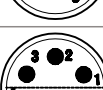
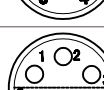
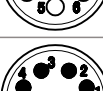
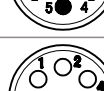
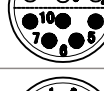
Cable Clamp Set		collet ϕ (mm)		Cable ϕ (mm)	
type	code	ϕ A	ϕ B	Max	Min
RM-CCT-00S-027	27	2.7	-	2.7	>2.2
RM-CCT-0S-032	32	3.2	-	3.2	>2.2
RM-CCT-0S-037	37	3.7	-	3.7	>3.2
RM-CCT-0S-044	44	4.4	3.7	4.4	>3.7
RM-CCT-0S-056	56	5.6	4.7	5.6	>5.7
RM-CCT-1S-052	52	5.2	-	5.2	>4.2

Multipole

	solder male contact 	solder female contact 	Insulator	Contact No.	φ A (MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
0S			P02	2	0.9	●	●	●	1.50	2.10	10.0
			P03	3	0.7	●	●	●	1.00	1.50	7.0
			P04	4	0.7	●	●	●	1.00	1.50	7.0
1S			P02	2	1.3	●	○	○	1.20	1.80	15.0
			P03	3	0.9	●	●	○	1.20	1.80	10.0
			P04	4	0.9	●	●	●	0.95	1.15	5.0
			P05	2 3	0.9 0.7	●	●	●	1.50 1.50	2.10 2.10	10.0 7.0
			P06	6	0.7	●	●	●	1.50	2.10	7.0
2S			P02	2	1.6	●	○	○	1.70	2.40	20.0
			P03	3	1.3	●	○	○	1.50	2.10	15.0
			P04	4	1.3	●	○	○	1.70	2.40	15.0
			P05	5	1.3	●	○	○	1.50	2.10	13.0
			P06	2	1.3	●	○	○	1.50	2.10	12.0

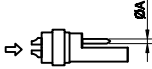
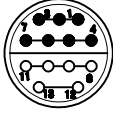
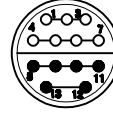
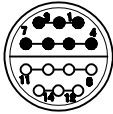
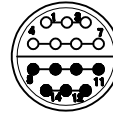
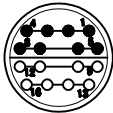
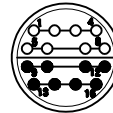
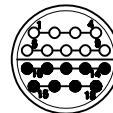
- First choice alternative
- Special order alternative

Multipole

	solder male contact 	solder female contact 	Insulator	Contact No.	φ A (MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
						Solder contact	PCB straight contact	PCB elbow contact			
3S			P07	3 4	1.3 0.9	●	○	○	0.80 0.80	1.20 1.20	12.0 9.0
			P08	8	0.9	●	○	○	0.80	1.20	9.0
			P10	10	0.9	●	○	○	0.80	1.20	7.0
			P02	2	2.0	●	●	○	3.0	4.20	23.0
			P03	3	2.0	●	○	○	1.50	2.10	20.0
			P04	4	2.0	●	○	○	1.50	2.10	18.0
			P05	2 3	2.0 1.3	●	○	○	1.50 1.50	2.10 2.10	18.0 14.0
			P06	6	1.3	●	○	○	2.10	3.0	14.0
			P07	7	1.3	●	○	○	1.0	1.50	12.0
			P08	8	1.3	●	○	○	1.0	1.50	10.0
			P10	10	1.3	●	○	○	1.0	1.50	9.0
			P12	12	0.9	●	○	○	1.50	2.10	8.0

- First choice alternative
- Special order alternative

Multipole

solder male contact 	solder female contact 	Insulator	Contact No.	ϕ A (MM)	Contact type			Test voltage(contact -contact)k/v rms	Test voltage(contact -shell)k/v rms	Rated current /A
					Solder contact	PCB straight contact	PCB elbow contact			
		P13	13	0.9	●	○	○	1.50	2.10	8.0
		P14	14	0.9	●	○	○	1.50	2.10	7.0
		P16	16	0.9	●	○	○	1.0	1.50	7.0
		P18	18	0.9	●	○	○	1.0	1.50	6.0

- First choice alternative
- Special order alternative



RM-P series

Plastic Medical Circular Push-pull Self-latching Connectors

RM-P series

Plugs



PAG



PAG

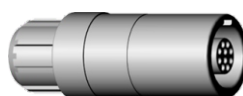
Receptacles



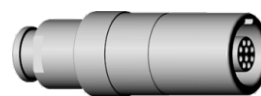
PKG



PLG

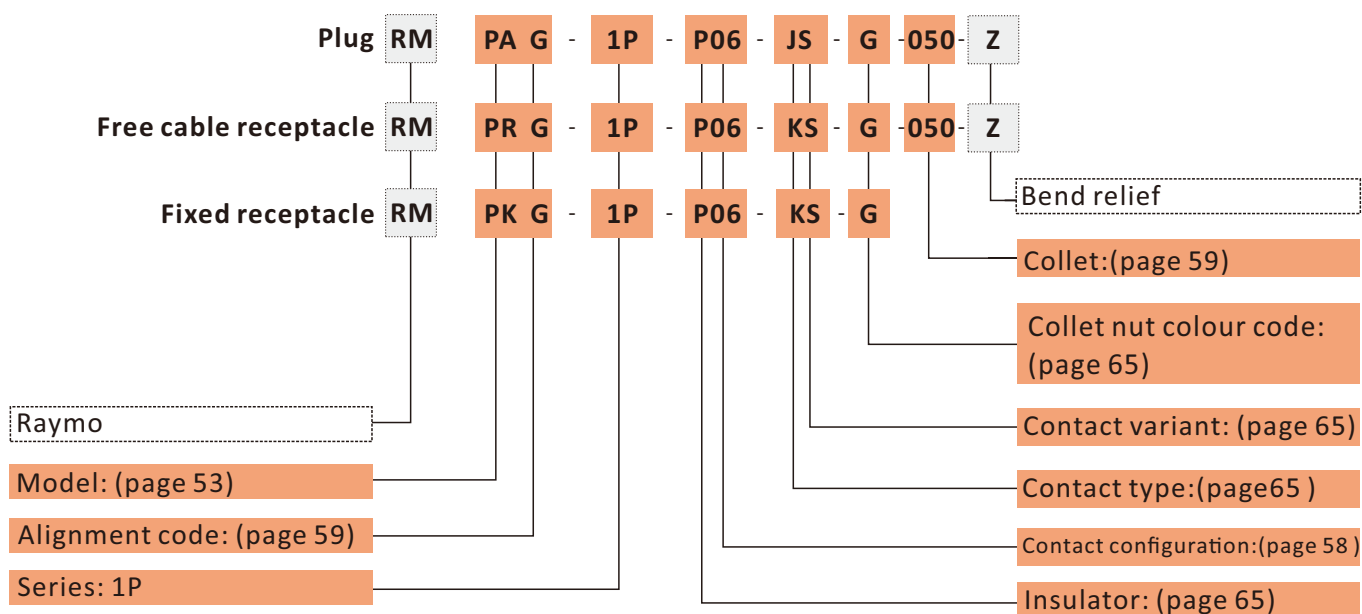


PRG



PRG

Part Numbering System



Part Number Example

Straight plug

RM-PAG-1PC-P06JS-052GZ = straight plug with cable collet and alignment key (G=0 degree), multipole type with 6 male contacts to solder, blue PC outer shell, PPS insulator, collet for 4.2-5.2mm diameter cable and gray colour bend relief.

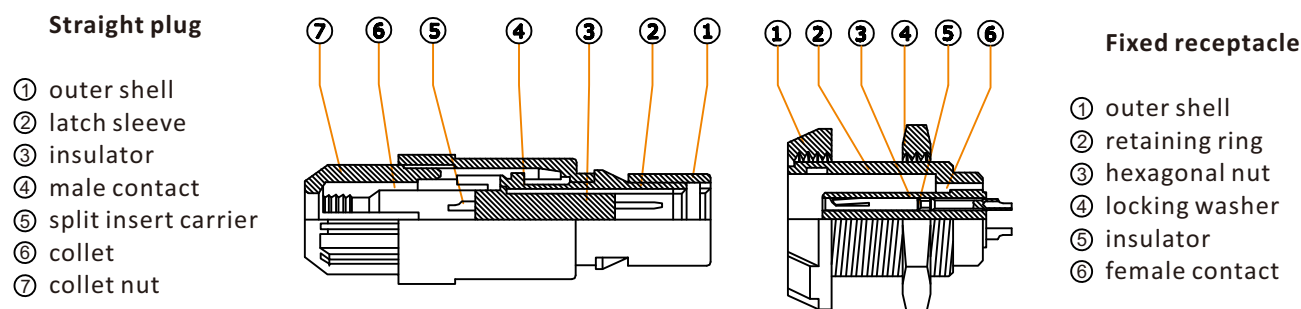
Free cable receptacle

RM-PRG-1PC-P06KS-052A = free cable receptacle with cable collet, alignment key (G=0 degree), multipole type with 6 female solder contacts, blue colour PC outer shell, PPS insulator, collet for cable 4.2-5.2mm and blue colour collet nut.

Fixed receptacle

RM-PKG-1PC-P06KSG = fixed receptacle with two nuts and alignment key (G=0 degree), multipole type with 6 female solder contacts in solder type, gray colour PC outer shell, PPS insulator, gray colour plastic front nut.

Part Section Showing Internal Components

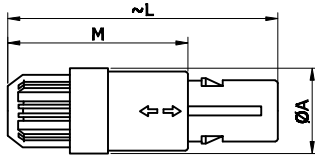


Technical Characteristics Mechanical and Climatical

Characteristics	Value	Standard
Endurance	>5000cycles	IEC 60512-5 test 9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C, +250°C	
Resistance to vibration	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	>72h	IEC 60512-6 test 11f
Protection index (mated)	IP 50	IEC 60529
Climatical category	55/175/21	IEC 60068-1

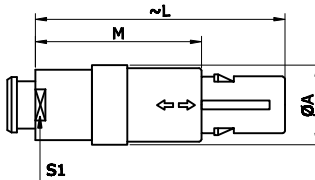
Electrical

Characteristics		Value	Standard
Shielding efficiency	at 10 MHZ	>75 dB	IEC 60619-1-3
	at 1 GHZ	>40 dB	IEC 60619-1-3



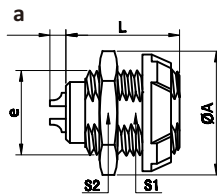
RM-PAG Straight Plug, key(G) or keys (A, B,C,H and J), with cable collet

Reference		Dimensions(mm)		
Model	Series	A	L	M
RM-PAG	1P	14	46.5	32



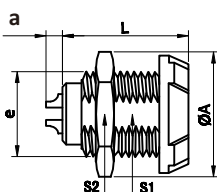
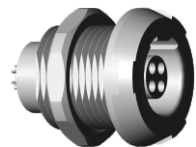
RM-PAG Straight Plug, key(G) or keys (A, B,C,H and J),with cable collet and nut for fitting a bend relief

Reference		Dimensions(mm)			
Model	Series	A	L	M	S1
RM-PAG	1P	14	45.5	32	9



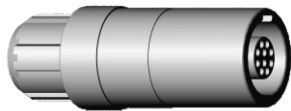
RM-PKG Fixed Receptacle with two nuts,, key(G) or keys (A, B,C,H and J), back panel mounting

Reference		Dimensions(mm)					
Model	Series	A	L	a	e	S1	S2
RM-PKG	1P	18.5	20.5	2.7	M14*1.0	12.5	17



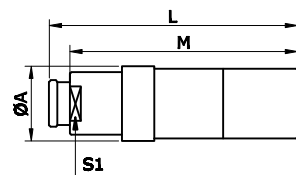
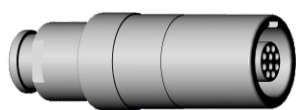
RM-PLG Fixed Receptacle, all-in-one type, key(G) or keys (A, B,C,H and J) and nut fixing

Reference		Dimensions(mm)					
Model	Series	A	L	a	e	S1	S2
RM-PLG	1P	19.5	20.5	2.7	M14*1.0	12.5	17



RM-PRG Free Cable Mount Receptacle, key(G) or keys (A, B, C, H and J), with cable collet

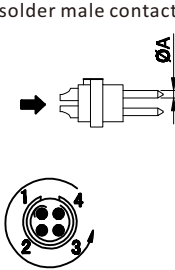
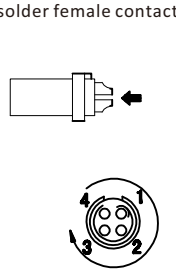
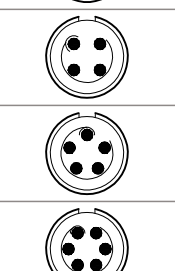
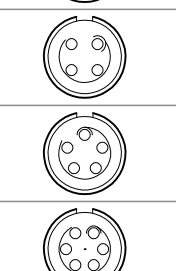
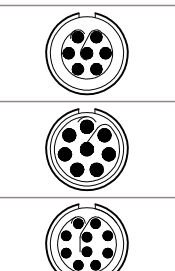
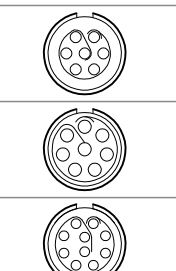
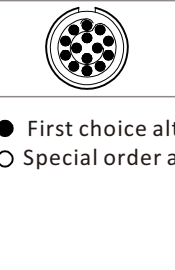
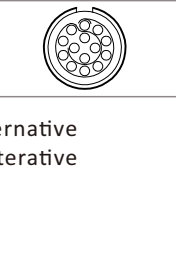
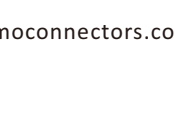
Reference		Dimensions(mm)	
Model	Series	A	L
RM-PRG	1P	14	40



RM-PRG Free Cable Mount Receptacle, key(G) or keys (A, B, C, H and J), with cable collet and nut for fitting a bend relief

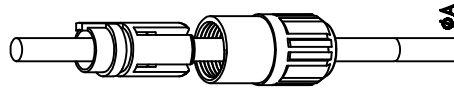
Reference		Dimensions(mm)			
Model	Series	A	L	M	S1
RM-PRG	1P	14	43	38.7	9

Multipole

	solder male contact solder female contact		Insulator	Contact No.	ϕ A (MM)	Solder contact	Contact tape			Test voltage(contact -shell)k/v rms	Rated current /A
							PCB straight contact	PCB elbow contact	Test voltage(contact -contact)k/v rms		
1P			P02	2	1.3	●	●	●	1.30	1.10	10.0
			P04	4	0.9	●	●	●	1.35	1.45	10.0
			P05	5	0.9	●	●	●	1.25	1.15	9.0
			P06	6	0.7	●	●	●	1.05	1.20	7.0
			P07	7	0.7	●	●	●	0.95	1.05	7.0
			P08	8	0.7	●	●	●	0.95	1.15	5.0
			P10	10	0.5	●	●	●	0.90	1.50	2.5
			P14	14	0.5	●	●	●	0.80	1.20	2.0

- First choice alternative
 ○ Special order alternative

RM-P series Cable collet

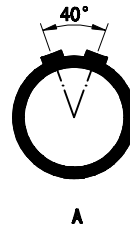


Cable Clamp Set	ϕA (mm)	Cable ϕ (mm)	
		Min	Max
RM-CCT-1P-039	3.9	2.7	3.9
RM-CCT-1P-052	5.2	4.0	5.2
RM-CCT-1P-065	6.5	5.3	6.5

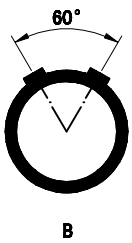
Alignment keys:



G = standard key.



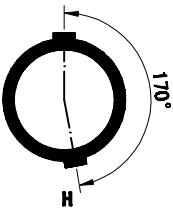
A = two keys with 40 degree,



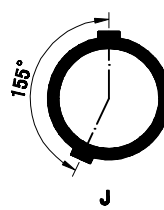
B = two keys with 60 degree,



C = two keys with 80 degree,



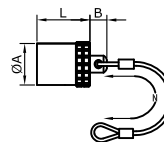
H = two keys with 170 degree



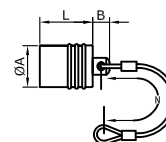
J = two keys with 155 degree.



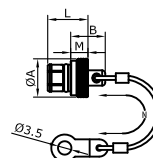
Accessories



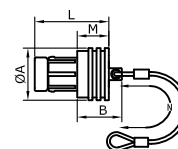
Reference		Dimensions(mm)			
Model	Series	A	B	L	N
BFG-0K-100-NAS	0K	14.0	6	12.5	85
BFG-1K-100-NAS	1K	16	6	15.5	85
BFG-2K-100-NAS	2K	19.5	6	17.5	85
BFG-3K-100-NAS	3K	23.0	6	22.0	120



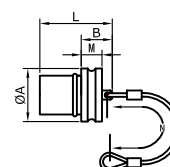
Reference		Dimensions(mm)			
Model	Series	A	B	L	N
BFF-0F-200-NAS	0F	9.8	4	12.5	65
BFF-1F-200-NAS	1F	12	4	13.5	85
BFF-AF-200-NAS	AF	14	4	12.5	85
BFF-2F-200-NAS	2F	16	4	15	120



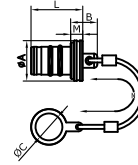
Reference		Dimensions(mm)					
Model	Series	A	B	L	M	N	
BRE-00-200-NAS	00	7.5	7.5	8.8	3.5	60	
BRE-0S-200-NAS	0S-0B	9.5	9.5	10.5	4.5	85	
BRE-1S-200-NAS	1S-1B	11.0	11.0	15.5	5.0	85	
BRE-2S-200-NAS	2S-2B	12.0	12.0	14.0	6.0	85	
BRE-3S-200-NAS	3S-3B	14.0	14.0	18.0	8.0	120	



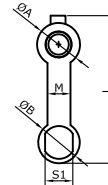
Reference		Dimensions(mm)				
Model	Series	A	B	L	M	N
FD0FG9-1-ZM-01	0F	10	7	12.8	3	60
FD1FG9-1-ZM-01	1F	14	12	23.4	8.5	85
FD2FG9-1-ZM-01	AF	14	11.7	21.6	8.5	85



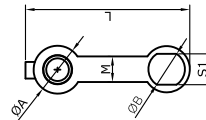
Reference		Dimensions(mm)				
Model	Series	A	B	M	L	N
BRE-0K-200-NAS	0K	15	7	4	15	85
BRE-1K-200-NAS	1K	17	5.8	6	20	85
BRE-2K-200-NAS	2K	20.5	5.8	8	24	85



Reference		Dimensions(mm)					
Model	Series	A	B	C	L	M	N
FD0FG9-1-ZM	0F	10	7	9.1	12.8	3	60
FD1FG9-1-ZM	1F	14	5.8	14.1	13.7	2.3	85
FDAFG9-1-ZM	AF	14	5.8	14.1	13.7	2.3	85
FD2FG9-1-ZM	2F	18	8.0	16.1	14.0	3.0	120



Reference		Dimensions(mm)					
Model	Series	A	B	L	M	S1	
BRP-0F-200-NAS	0F	11.9	11.8	40	6.3	8.0	
BRP-1F-200-NAS	1F	14.1	14.0	60	7.2	12.5	
BRP-AF-200-NAS	AF	14.1	14.0	60	7.2	12	
BRP-2F-200-NAS	2F	16.1	16.0	60	8.0	14.5	

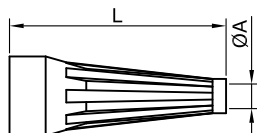


Reference		Dimensions(mm)					
Model	Series	A	B	L	M	S1	
BRP-0B-200-NAS	0B	11.9	9.0	40	6.3	8.0	
BRP-1B-200-NAS	1B	14.1	12.0	60	7.2	10.5	
BRP-2B-200-NAS	2B	16.1	15.0	60	7.2	13.5	

Main characteristics

Material: TPU (Thermoplastic Polyurethane)

Temperature range in dry atmosphere: -60°C +200°C



Shell Size	Cable $\varnothing$		Dimensions (mm)		Part Number
	min	max	A	L	
00	2.8	3.1	2.8	22	RM-GMA-0B-028-DG
0B 0S 0K 0F	3.0	3.4	2.5	24	RM-GMA-0B-025-DG
	2.5	3.0	3.0	24	RM-GMA-0B-030-DG
	3.0	3.5	3.5	24	RM-GMA-0B-035-DG
	3.5	4.0	4.0	24	RM-GMA-0B-040-DG
	4.0	4.5	4.5	24	RM-GMA-0B-045-DG
1B 1S 1K 1F	4.5	5.5	5.5	27	RM-GMA-0B-055-DG
	4.0	4.4	4.0	30	RM-GMA-1B-040-DG
	4.5	4.9	4.5	30	RM-GMA-1B-045-DG
	5.4	6.0	5.4	30	RM-GMA-1B-054-DG
	6.5	7.0	6.5	30	RM-GMA-1B-065-DG
2B 2K	5.0	5.5	5.0	36	RM-GMA-2B-050-DG
	6.0	6.5	6.0	36	RM-GMA-2B-060-DG
	7.0	7.7	7.0	36	RM-GMA-2B-070-DG
	7.8	8.8	7.8	36	RM-GMA-2B-080-DG
	4.5	5.2	4.5	42	RM-GMA-3B-050-DG
3S 3B 3K	6.0	6.9	6.0	42	RM-GMA-3B-060-DG
	7.0	7.9	7.0	42	RM-GMA-3B-070-DG
	8.0	8.9	8.0	42	RM-GMA-3B-080-DG
	9.0	10.0	9.0	42	RM-GMA-3B-090-DG

A bend relief made from thermoplastic polyurethane elastomer can be fitted over RAYMO plugs and receptacles that are supplied with nut for fitting such bend relief. They are available in nine different colours match with the GRA insulating washers. Each color has the code listed below.

Use the bend relief Part no. can order this accessory separately.

Code	Colour
A	Blue
B	White
G	Gray
J	Yellow
M	Brown
N	Black
R	Red
S	Orange
V	Green

Note:

The last letter «G» of the part number indicates the gray colour of the bend relief. For ordering a bend relief with another colour, and replace the letter «G» by the letter of the required colour.

Colour of the bridge plug shells and receptacle shells made of plastic material and aluminium alloys

Reference	Colour	Bridge plug and plastic shell			Aluminium alloys	
		PSU	PPSU	PA.6	Anodized colour	Anodized colour for bend relief collet nut
A	blue			●	●	
B	white	●		●		
G	grey	●		●		
J	yellow			●	●	
M	brown			●		
N	black			●	●	
R	red			●	●	
S	orange			●		
T	natural				●	
V	green			●	●	
L	black					●
X	natural					●
F	cream		●			

Note: other anodizing colours are available for connectors with collet nut for bend relief. Please consult us.

Watertight and vacuumtight receptacle and coupler models (B and K series)

	Model	Reference	
		Watertight	Vacuumtight
B	YH● HG● HN● HH● HC● HE● HM● S●●	P	PV
K	HG● HE● S●●	P	PV

O-ring and gasket material (K series)

Standard connectors are delivered with silicone o-ring and gaskets. The vacuumtight models, identified with the letter «PV», are delivered with Viton® gaskets. Other gaskets material can be delivered upon special request.

O-ring material	Reference
FPM (Viton®)	H
EPDM	E
FPM (Viton®) and collet nut for bend relief	D

Technical Characteristics

Shell material and colour

C: Brass Material with natural chrome plated
S: Brass Material with black chrome plated
G: Brass Material with ash(gun) chrome plated
P: PC material

Insulator:

PPS Material

Contact type:

J: male contact, K: female contact

Contact Variant :

S: solder type, N: PCB type, V: elbow 90° pcb type

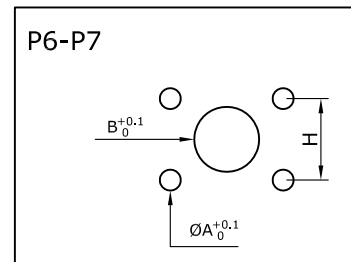
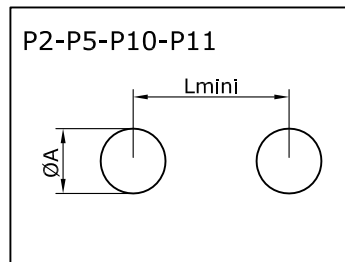
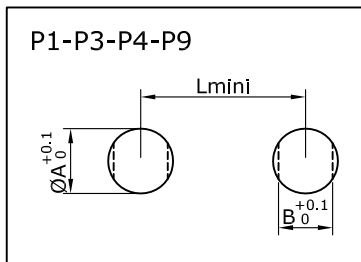
Z: Bend relief

Z: refer to plug with nut fitting a bend relief

Cable nut colour code:

G: gray, W: white, N: black, R: red, V: green, A: blue, J: yellow

Panel cut-outs



B series

Series	P1			P2		P3			P4			P5		P9			P10	
	øA	B	L	øA	L	øA	B	L	øA	B	L	øA	L	øA	B	L	øA	L
00	7.1	6.4	12.5	7.1	11.5	-	-	-	-	-	-	-	-	7.1	6.4	12.0	-	-
0B	9.1	8.3	14.5	9.1	13.5	14.1	12.6	20.1	10.1	9.1	15.0	8.3	10.5	9.1	8.3	15.0	-	-
1B	12.1	10.6	18.5	-	-	16.1	14.6	22.0	14.1	12.6	21.0	11.2	14.0	12.1	10.6	19.0	11.1	17.0
2B	15.1	13.6	22.5	-	-	19.2	17.1	28.0	16.1	15.1	23.0	13.9	18.0	15.1	13.6	23.0	-	-
3B	18.2	16.6	27.0	-	-	-	-	-	20.2	18.6	29.5	-	-	18.2	16.6	27.0	-	-

Cut-out types

Model	Type	Model	Type
ECG	P1	HCG	P3
EEG	P1	HEG	P9
EHG	P1	HGG	P9
EXG	P2/P10	HHG	P9
FAG	P1	PFG	P1

Mounting nut torque

Series	Torque (Nm)	
	Metal shell	Plastic shell
00	1.0	0.4
0B	2.5	0.4
1B	4.5	0.7
2B	6.0	0.8
3B	9.0	1.0

K series

Series	P1			P6			P7		
	øA	B	L	øA	B	L	øA	B	L
0K	14.1	12.6	20.5	-	-	-	-	-	-
1K	16.1	14.6	22.5	-	-	-	-	-	-
2K	20.2	18.6	29.0	-	-	-	-	-	-
3K	24.2	22.6	35.5	3.5	22.6	20.6	3.5	23.1	23.0

Cut-out types

Model	Type
ECG	P1
EEG	P1

Mounting nut torque

Series	Torque (Nm)
0K	5
1K	7
2K	9
3K	12

B series

Series	P1			P2		P3			P4			P6			P7			P10	
	ø A	B	L	ø A	L	ø A	B	L	ø A	B	L	ø A	B	H	ø A	B	H	ø A	L
00	7.1	6.4	12.5	7.1	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0S	9.1	8.3	14.5	9.1	13.5	12.1	10.6	20.0	10.1	9.1	15.0	-	-	-	-	-	-	-	-
1S	12.1	10.6	18.5	12.1	19.0	14.1	12.6	21.0	12.1	10.6	18.0	3.3	12.1	12.7	2.7	11.1	12.4	11.1	17.0
2S	15.1	13.6	22.5	15.1	21.5	16.1	14.6	22.0	16.1	15.1	23.1	3.3	15.1	15.5	-	-	-	-	-
3S	18.2	16.6	27.0	18.2	27.0	20.2	18.6	30.0	20.2	18.6	29.0	3.3	18.2	18.0	-	-	-	-	-

Cut-out types

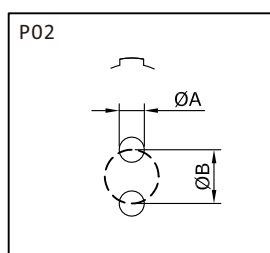
Model	Type
ERG	P1
ERD	P1

Mounting nut torque

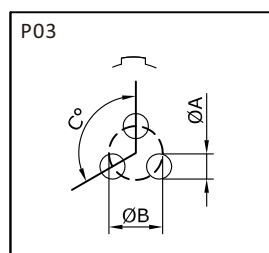
Series	Torque (Nm)	
	Metal shell	Plastic shell
0S	2.5	0.4
1S	4.5	0.7
2S	6.0	0.8
3S	9.0	1.0

PCB drilling pattern

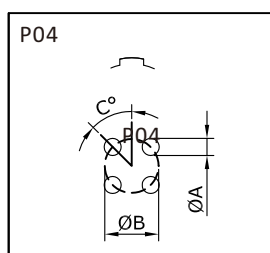
Fixed receptacle with straight print contact (B-K series)



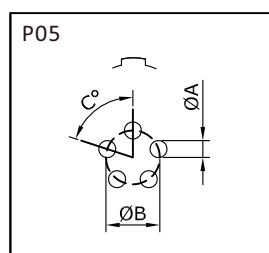
Series	Dimensions(mm)	
	A	B
00	0.6	1.2
0B-0K	0.8	2.2
1B-1K	0.8	2.8
2B-2K	0.8	4.4



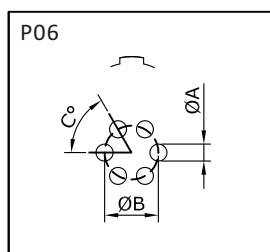
Series	Dimensions(mm)		
	A	B	C
00	0.6	1.35	120°
0B-0K	0.8	2.30	120°
1B-1K	0.8	3.00	120°
2B-2K	0.8	4.60	120°
3B-3K	0.8	5.60	120°



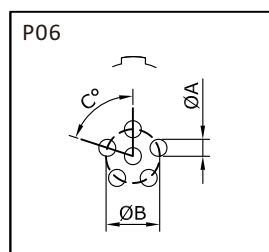
Series	Dimensions(mm)		
	A	B	C
00	0.6	1.6	45°
0B-0K	0.8	2.5	45°
1B-1K	0.8	3.1	45°
2B-2K	0.8	5.0	45°
3B-3K	0.8	6.2	45°



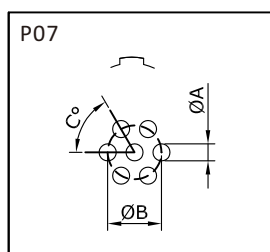
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	2.8	72°
1B-1K	0.8	3.4	72°
2B-2K	0.8	5.2	72°
3B-3K	0.8	6.7	72°



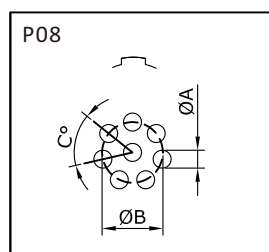
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	3.0	60°
1B-1K	0.8	3.7	60°



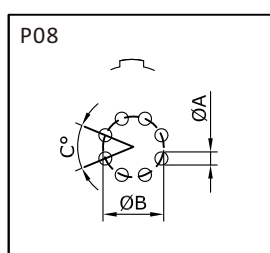
Series	Dimensions(mm)		
	A	B	C
2B-2K	0.8	5.6	72°
3B-3K	0.8	7.1	72°



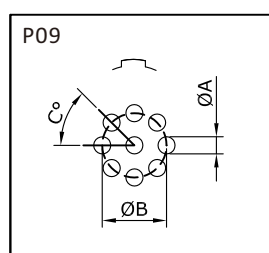
Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	3.0	60°
1B-1K	0.8	3.7	60°
2B-2K	0.8	5.8	60°
3B-3K	0.8	7.08	60°



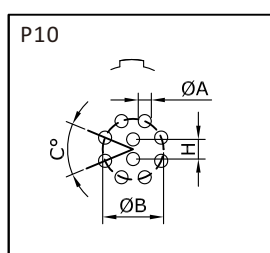
Series	Dimensions(mm)		
	A	B	C
1B-1K	0.8	3.8	51°26'



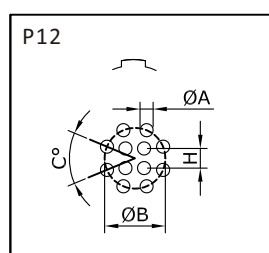
Series	Dimensions(mm)		
	A	B	C
2B-2K	0.8	6.4	45°
3B-3K	0.8	7.5	45°



Series	Dimensions(mm)		
	A	B	C
0B-0K	0.6	3.2	45°
3B-3K	0.8	7.5	45°



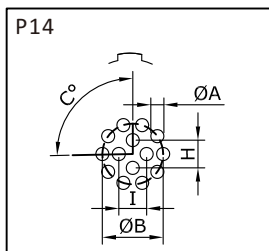
Series	Dimensions(mm)			
	A	B	C	H
1B-1K	0.6	3.95	45°	1.40
2B-2K	0.8	6.2	45°	2.15
3B-3K	0.8	7.9	45°	2.80



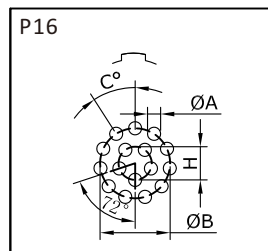
Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.5	45°	2.80
3B-3K	0.8	8.2	45°	3.40

PCB drilling pattern

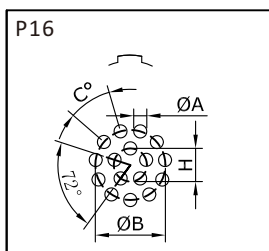
Fixed receptacle with straight print contact (B-K series)



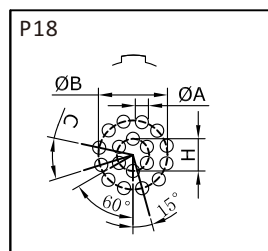
Series	Dimensions(mm)				
	A	B	C	H	I
1B-1K	0.6	4.4	90°	1.90	1.80
2B-2K	0.8	6.5	90°	2.65	2.65
3B-3K	0.8	8.2	90°	3.40	3.40



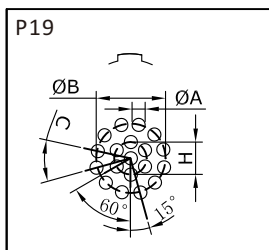
Series	Dimensions(mm)			
	A	B	C	H
1B-1K	0.6	4.4	32°44'	2.0



Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.6	32°44'	3.10
3B-3K	0.8	8.4	32°44'	3.86



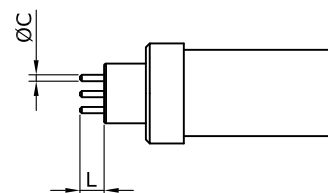
Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.7	30°	3.5
3B-3K	0.8	8.4	30°	4.34



Series	Dimensions(mm)			
	A	B	C	H
2B-2K	0.8	6.7	30°	3.50

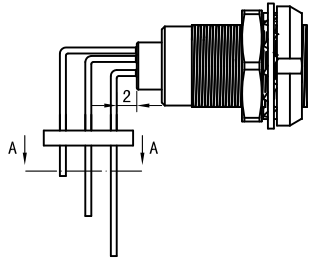
Length of straight print contacts (for receptacle)

Series	Contact No.	Dimensions(mm)	
		Ø C	L
00	P02	0.5	3.0
	P02	0.5	3.0
	P02	0.5	3.0
0B 0K	P02/P03	0.7	3.2
	P04/P05	0.5	3.2
	P06/P07/P09	0.5	3.2
1B 1K	P02/P03/P03/P04/P05	0.7	3.0
	P06/P07/P08	0.7	3.0
	P10/P14/P16	0.5	4.0
2B 2K	P02/P03/P04/P05/P06/P07	0.7	3.0
	P08/P10/P14/P16/P18/P19	0.7	3.0
	P26/P32	0.5	3.0
3B 3K	P03/P04/P05/P06/P07	0.7	3.0
	P08/P09/P10/P12/P14/P16/P18	0.7	3.0
	P20/P22/P24/P26/P30	0.5	5.0

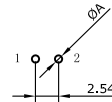


PCB drilling pattern

Fixed receptacle with elbow print contact (B-K series)

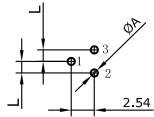


P02



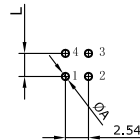
Series	Dimensions (mm)
00	A
0B-0K	0.6
1B-1K	0.7
2B-2K	0.9

P03



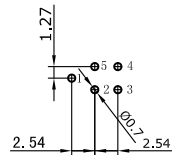
Series	Dimensions(mm)	
	A	L
00	0.6	1.27
0B-0K	0.7	1.27
1B-1K	0.9	1.27
2B-2K	0.9	2.54

P04

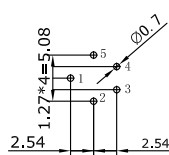


Series	Dimensions(mm)	
	A	L
00	0.6	2.54
0B-0K	0.7	2.54
1B-1K	0.7	2.54
2B-2K	0.9	3.50

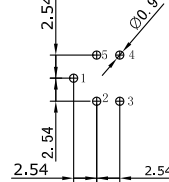
0B-0K.P05



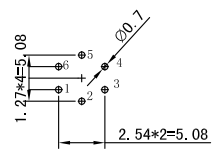
1B-1K.P05



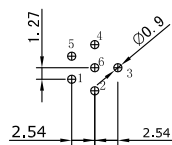
2B-2K.P05



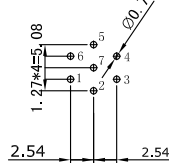
0B-0K/1B-1K.P06



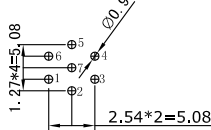
2B-2K.P06



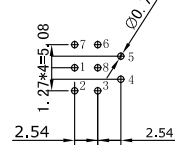
0B-0K/1B-1K.P07



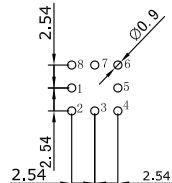
2B-2K.P07



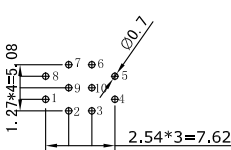
1B-1K.P08



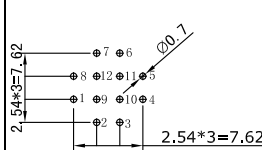
2B-2K.P08/3B-3K.P08



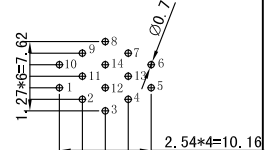
1B-1K/2B-2K.P10



2B-2K/3B-3K.P12

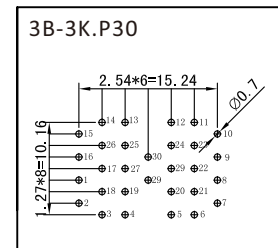
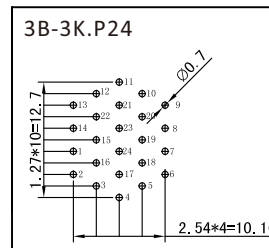
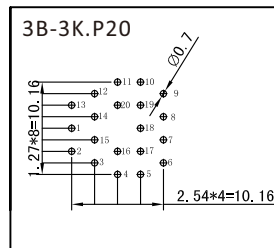
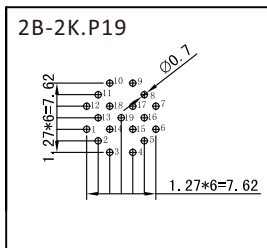
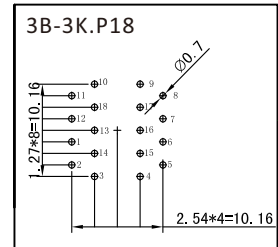
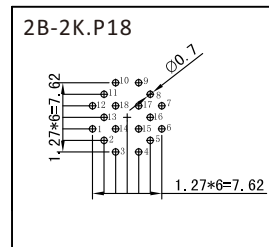
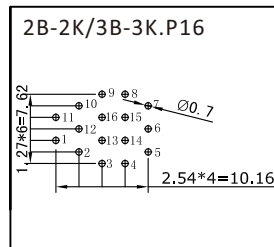
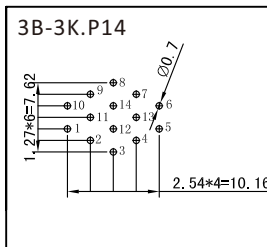
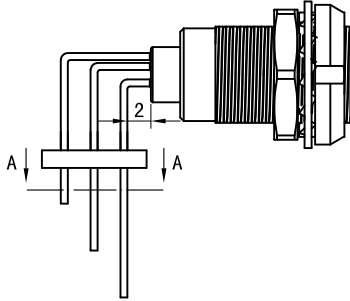


1B-1K/2B-2K.P14



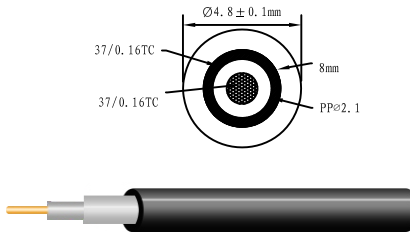
PCB drilling pattern

Fixed receptacle with elbow (90°) print contact (B-K series)

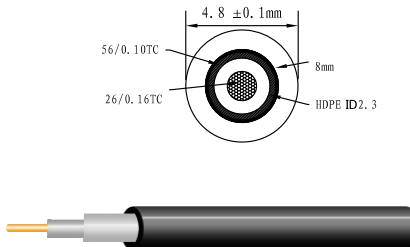




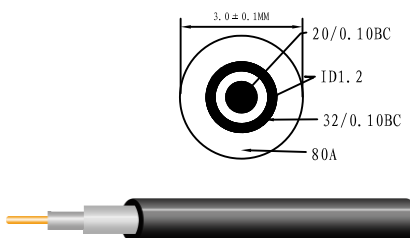
Cable

FC.PUR.N01.1802

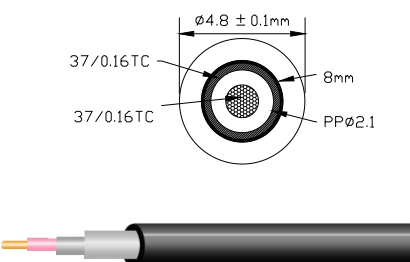
SPECIFICATION	Φ4.8 (37/0.16TC+SP37/0.16TC) cold-proof-40°C pu cable	
CONDUCTOR	SIZE	0.75 mm ² +0.75 mm ²
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 37/0.16TC
	COLOR	tin colour
INSULATION	AVG . THICK	0.4845mm
	MIN . THICK	0.4246mm
	DIAMETER	Φ2.1±0.05mm
	MATERIAL	PP
SHIELDED	COLOR	white
	MATERIAL	Tin-Coated Coppe
SHIELDED	CONSTRUCTION	37/0.16TC±1 +PT
	AVG . THICK	1.2101
JACKET	MIN . THICK	1.1876
	DIAMETER	4.8±0.1mm
	MATERIAL	cold-proof-40°C pu cable
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N01.2001

SPECIFICATION	Φ4.8 (26/0.16TC ID2.3+SP56/0.10TC) cold-proof-40°C pu cable	
CONDUCTOR	SIZE	20AWG
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 26/0.16TC
	COLOR	tin colour
INSULATION	AVG . THICK	0.4845mm
	MIN . THICK	0.4246mm
	DIAMETER	Φ2.3±0.05mm
	MATERIAL	HDPE
SHIELDED	COLOR	white
	MATERIAL	Tin-Coated Coppe
SHIELDED	CONSTRUCTION	56/0.10TC±2 +PT
	AVG . THICK	1.2101
JACKET	MIN . THICK	1.1876
	DIAMETER	4.8±0.1mm
	MATERIAL	cold-proof-40°C pu cable
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

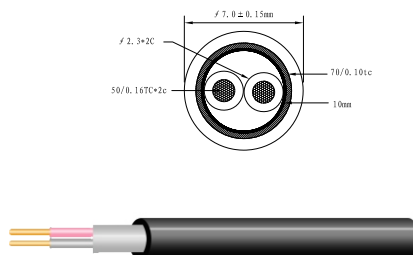
FC.PUR.N01.2601

SPECIFICATION	Φ3.0 (20/0.10BC++32/0.10Winding shield) cold-proof-40°C pu cable for RCA connector	
CONDUCTOR	SIZE	& 26AWG
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	& 20/0.10BC
	COLOR	Bare copper
INSULATION	AVG . THICK	0.4845mm
	MIN . THICK	0.4246mm
	DIAMETER	1.2±0.05mm
	MATERIAL	PP
SHIELDED	COLOR	transparent
	MATERIAL	Bare copper
SHIELDED	CONSTRUCTION	32/0.10BC
	AVG . THICK	0.8001
JACKET	MIN . THICK	0.7845
	DIAMETER	Φ3.0±0.1mm
	MATERIAL	cold-proof-40°C pu cable
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N01.0301

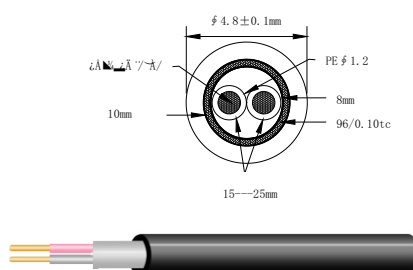
SPECIFICATION	Φ13.0 1C*25mm2+B (braided) +P (cotton paper)	
CONDUCTOR	SIZE	03AWG
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	196/0.404MM
	COLOR	Bare copper
INSULATION	AVG . THICK	5.10INCH
	MIN . THICK	0.4246mm
	DIAMETER	10.0±0.20MM
	MATERIAL	PP
SHIELDED	COLOR	transparent
	MATERIAL 1	24*10/0.12MM (Tin-Coated Copper) (10)(covering: 85%MIN)
SHIELDED	MATERIAL 1	cotton paper 0.04*40MM (covering: 125%MIN)
JACKET	DIAMETER	Φ13.00±0.30MM
	MATERIAL	PU-813/85A (-40°C~+80°C) (flame retardant rating: VW-1)
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N02.1701



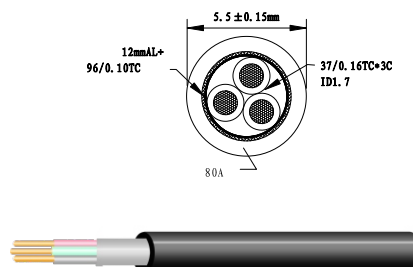
SPECIFICATION	Φ7.0(50/0.16TCID2.3*2c red black+AL+70/0.10TC Winding shield)80A cold-proof-40°C PU black	
CONDUCTOR	SIZE	1.0 mm ²
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 50/0.16TC±2
	COLOR	tin colour
INSULATION	AVG . THICK	0.4954mm
	MIN . THICK	0.4722mm
	DIAMETER	Φ2.3mm
	MATERIAL	PE+color concentrate
	COLOR	red black
SHIELDED	MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	SP70/0.10TC±4
JACKET	AVG . THICK	0.8001mm
	MIN . THICK	0.7652mm
	DIAMETER	7.0mm±0.15
	MATERIAL	80A PU cold-proof-40°C PU
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N02.2201



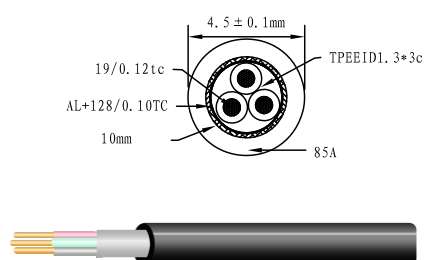
SPECIFICATION	Φ4.8(17/0.16TCID1.2*2C white green +AL+braided 96/0.10TC+PT)80A cold-proof-40°C PU black	
CONDUCTOR	SIZE	22AWG
	SPECIFICATION MATERIAL	Tin-Coated Coppe
	CONSTRUCTION	& 17/0.16TC
	COLOR	tin colour
INSULATION	AVG . THICK	0.2021mm
	MIN . THICK	0.1985mm
	DIAMETER	1.2mm±0.05
	MATERIAL	PE
	COLOR	white green
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL+braided96/0.10TC±6
JACKET	AVG . THICK	1.855mm
	MIN . THICK	1.542mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A PU cold-proof-40°C PU
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N03.1802



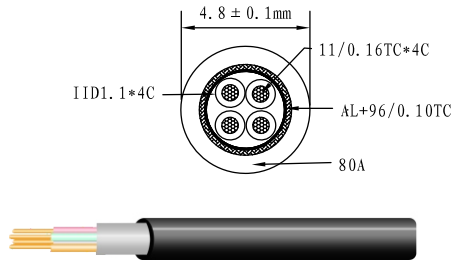
SPECIFICATION	Φ5.5(37/0.16TCID1.7*3c red black yellow +AL+ 96/0.10braided)80A cold-proof-40°C PU black	
CONDUCTOR	SIZE	0.75mm ² *3c
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	& 37/0.16TC±1
	COLOR	tin colour
INSULATION	AVG . THICK	0.3804mm
	MIN . THICK	0.3254mm
	DIAMETER	Φ1.7±0.05
	MATERIAL	PE+color concentrate
	COLOR	red black yellow
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL+96/0.10TC±6
JACKET	AVG . THICK	0.6800mm
	MIN . THICK	0.6542mm
	DIAMETER	5.5mm±0.1
	MATERIAL	80A PU cold-proof-40°C PU
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.HPU.N03.2401



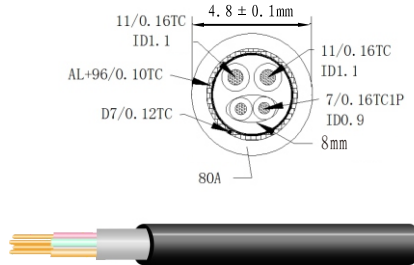
SPECIFICATION	Φ4.5(19/0.12TCID1.3*3c black brown blue +AL+ 128/0.10TC braided+PT)85A Flame-retardant High-temperature-resistance 120°C PU black	
CONDUCTOR	SIZE	24AWG*3c
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	& 19/0.12TC
	COLOR	tin colour
INSULATION	AVG . THICK	0.34mm
	MIN . THICK	0.3mm
	DIAMETER	Φ1.3±0.05
	MATERIAL	TPEE+color concentrate
	COLOR	black brown blue
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	15MMAL+16/8/0.10TCbraided
JACKET	AVG . THICK	0.65mm
	MIN . THICK	0.6mm
	DIAMETER	4.5mm±0.1
	MATERIAL	85A Flame-retardant High-temperature-resistance 120°C PU black
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N04.2401



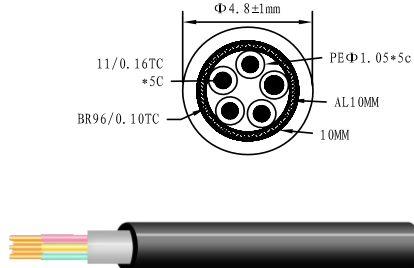
SPECIFICATION	φ4.8(11/0.16TC*4C red yellow black green PE+AL+96/0.10TC+PT)80A cold-proof-40°C PU black	
CONDUCTOR	SIZE	24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	&11/0.16
	COLOR	tin colour
INSULATION	AVG . THICK	0.242 mm
	MIN . THICK	0.217 mm
	DIAMETER	φ1.1mm±0.05
	MATERIAL	PE
	COLOR	red yellow black green
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	8mmAL+96/0.010TC±5+10mmPT
JACKET	AVG . THICK	0.80mm
	MIN . THICK	0.775 mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A PU cold-proof-40°C
	COLOR	black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N04.2426



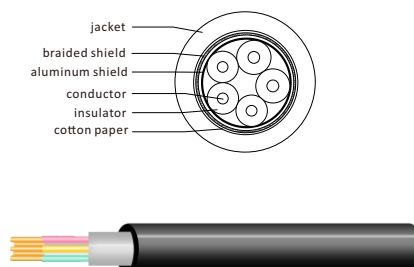
SPECIFICATION	φ4.8(7/0.16TC*1P white green PE+AL+11/0.16TC*2CP red black +AL+D7/0.12TC+96/0.10TC)80A cold-proof-40°C PU black	
CONDUCTOR	SIZE	26AWG & 24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	7/16 & 11/0.16
	COLOR	tin colour
INSULATION	AVG . THICK	0.242 mm
	MIN . THICK	0.217 mm
	DIAMETER	φ0.9mm & 1.1mm±0.05
	MATERIAL	PE
	COLOR	white green & red black
SHIELDED	MATERIAL	AL+Tin-Coated Copper
	CONSTRUCTION	8mmAL+16/6/0.10TC±6
JACKET	AVG . THICK	0.80mm
	MIN . THICK	0.775 mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40°C PU black
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N05.2401



SPECIFICATION	φ4.8(11/0.16TC*1.1PE*5C red black white blue green+AL+BR96/0.10TC+PT) 80A cold-proof-40°C PU black	
CONDUCTOR	SIZE	24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	11/0.16
	COLOR	tin colour
INSULATION	AVG . THICK	0.2135mm
	MIN . THICK	0.2085mm
	DIAMETER	φ1.05 ±0.05
	MATERIAL	PE
	COLOR	red black white blue green
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	10mmAL +BR96/0.10±6 +PT
JACKET	AVG . THICK	1.275mm
	MIN . THICK	1.125mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40°C PU black
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

FC.PUR.N05.2426



SPECIFICATION	(2C*24AWG black red+3C*26AWG green blue white+AL+B+P) PU-813/80A(Black) (Non-flame-retardant) (temperature-resistance: -40°C~+80°C)	
CONDUCTOR	SIZE	24AWG & 26 AWG
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	11/0.16&7/0.16
	STRANDED LAY	0.7INCH&0.6INCH
INSULATION	DIAMETER	φ2.05mm±0.05
	MATERIAL	HD-PE
	COLOR	black red green blue white
STRANDED	STRANDED LAY	60±10MM
	AL-FOIL SPECIFICATION	0.02*15MM(Conductive facing outside)
	OVERLAP RATE	Above 25%
SHIELDED	BRAIDED MATERIAL	16*6/0.10MM TA(12)(covering: 75%MIN)
	COTTON PAPER MATERIAL	0.04*20MM(covering: 125%MIN)
	DIAMETER	4.8mm±0.1
JACKET	MATERIAL	PU-813/80A(Black) (Non-flame-retardant) (temperature-resistance: -40°C~+80°C)
	COLOR	matt black colour
MARKING	no letter printed on the cable surface	

A cross-sectional diagram of a coaxial cable. It consists of a central conductor surrounded by an insulator, which is then surrounded by an aluminum shield, a braided shield, and an outer jacket. Labels with leader lines point to each layer from the center outwards: conductor, insulator, aluminum shield, braided shield, and jacket.



SPECIFICATION	(6C*0.5mm2black brown red orange yellow green+AL-B) PU-813/85A(Black) (flame-retardant) (temperature-resistance: -40℃~+80℃)	
CONDUCTOR	SIZE	0.5mm2
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	25/0.16mm
INSULATION	STRANDED LAY	0.8INCH
	DIAMETER	Φ1.50±0.05MM
	MATERIAL	SR-PVC
	COLOR	black brown red orange yellow green
STRANDED	STRANDED LAY	100±10MM
	AL-FOIL SPECIFICATION	0.02*25MM(anti-surrounding)
	OVERLAP RATE	Above 25%
SHIELDED	MATERIAL	16*7/0.12MM TA (6)
	COVERING	65%MIN
JACKET	DIAMETER	7.00±0.20MM
	MATERIAL	(flame-retardant) (temperature-resistance: -40℃~+80℃)
	COLOR	half-matt black colour
MARKING	no letter printed on the cable surface	

5.0 ± 0.15mm

11/0.16TCID0.05

11/0.16TCID0.05

AL+BR96/0.10TC

7/0.16TCID0.85

7/0.16TCID0.85

80A

23149WF-4S

0.85 +AL

±38/0.10TC



SPECIFICATION	φ5.0(11/0.16TC*1.05*2Cred black+7/0.16TC*0.85*1P white green+38/0.10TC Winding shield+7/0.16TC*0.85*2C blue yellow+AL+96/0.10TC) 80A cold-proof-40℃PU black	
CONDUCTOR	SIZE	26AWG & 24 AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	7/16 & 11/0.16
INSULATION	COLOR	tin colour
	AVG . THICK	0.242 mm
	MIN . THICK	0.217 mm
	DIAMETER	φ0.9mm & 1.1mm±0.05
	MATERIAL	PE
SHIELDED	COLOR	white green & red black
	MATERIAL	AL+Tin-Coated Copper
	CONSTRUCTION	8mmAL+16/6/0.10TC±6
JACKET	AVG . THICK	0.80mm
	MIN . THICK	0.775mm
	DIAMETER	4.8mm±0.1
	MATERIAL	80A cold-proof-40℃PU black
MARKING	COLOR	mat black colour
	no letter printed on the cable surface	

Technical drawing of a cable cross-section. The outer diameter is $\varnothing 4.8 \pm 0.1 \text{ mm}$. The outer jacket is $10/\text{mm}$. The inner conductors are $16/0.08 \text{ TC} \times 7 \text{ C}$. The insulation on the inner conductors is $96/0.10 \text{ tc}$. The overall insulation thickness is $\varnothing 0.8 \text{ PE} \times 7 \text{ C}$.



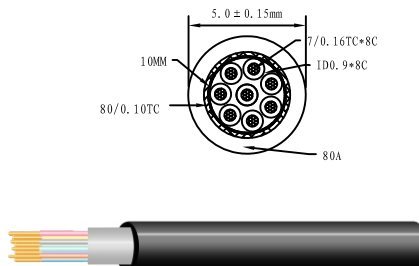
SPECIFICATION	$\phi 4.8 \times 16/0.08\text{TC ID } 0.8^{\circ}\text{C} + \text{AL} + 96/0.10\text{TC}$ braided >80A cold-proof-40°CPU black	
CONDUCTOR	SIZE	28AWG
	SPECIFICATION MATERIAL	Tin-Coated Copper
	CONSTRUCTION	16/0.08TC
INSULATION	COLOR	tin colour
	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	$\phi 0.8 \pm 0.05\text{mm}$
	MATERIAL	PE
SHIELDED	COLOR	white black blue green brown red yellow
	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL +braided96/0.10TC
JACKET	AVG . THICK	0.8120mm
	MIN . THICK	0.7921mm
	DIAMETER	$4.8\text{mm} \pm 0.1$
	MATERIAL	80A cold-proof-40°CPU black
MARKING	COLOR	mat black colour
	no letter printed on the cable surface	

Technical drawing of a circular component. The outer diameter is labeled as $6.0 \pm 0.15 \text{ mm}$. The inner diameter is labeled as $\phi 6.76 \pm 0.075$. The thickness of the component is labeled as 1.50 mm . The drawing shows a cross-section of a circular part with a central hole and a ring of eight smaller holes. The central hole has a diameter of $\phi 1.0$. The ring of holes has a diameter of $\phi 1.0$. The component is labeled with $7/8, 28 \times 101, 0-1P$ on both sides.



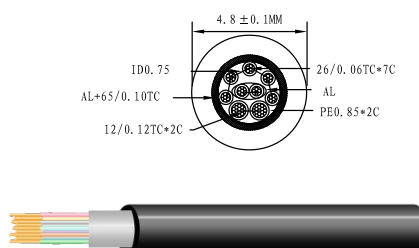
SPECIFICATION	φ6.0(8C HSYV +AL+96/0.10TCV braided+PT) OD6.0 cold-proof-40℃ PU	
CONDUCTOR	SIZE	
	SPECIFICATION MATERIAL	Bare copper
	CONSTRUCTION	&7/0.2BC
INSULATION	COLOR	tin colour
	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	φ1.0±0.05mm
	MATERIAL	PE+color concentrate
	COLOR	yellow white+yellow blue white+blue green white+ green brown white+brown
SHIELDED	MATERIAL	Tin-Coated Copper
	CONSTRUCTION	AL+96/0.10TC braided
JACKET	AVG . THICK	1.0982mm
	MIN . THICK	0.9131mm
	DIAMETER	6.0±0.15mm
	MATERIAL	80A PU cold-proof-40℃ PU
MARKING	COLOR	mat black colour
	no letter printed on the cable surface	

FC.PUR.N08.2601



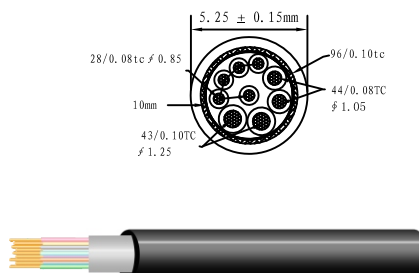
SPECIFICATION	φ5.0,7/0.16BC ID0.9*8C+AL+80/0.10 braided +cotten gray colour cold-proof-40°C PU
CONDUCTOR	SIZE
	26AWG
	SPECIFICATION MATERIAL
	Bare copper
INSULATION	CONSTRUCTION
	8/0.16TC
	COLOR
	Bare copper
	AVG . THICK
SHIELDED	0.2305mm
	MIN . THICK
	0.2013mm
	DIAMETER
JACKET	φ 0.9±0.05mm
	MATERIAL
	HDPE
	COLOR
	white black purple grey orange brown red yellow
MARKING	MATERIAL
	Bare copper
	CONSTRUCTION
	AL+80/0.10BC
	AVG . THICK
JACKET	1.0982mm
	MIN . THICK
	0.9131mm
	DIAMETER
JACKET	5.0mm±0.15
	MATERIAL
	80A cold-proof-40°C PU gray
JACKET	COLOR
	gray
MARKING	no letter printed on the cable surface

FC.PUR.N09.2628



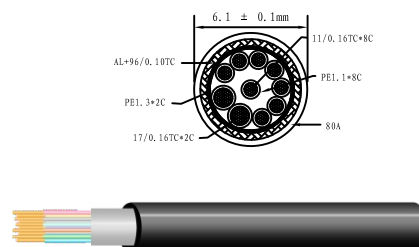
SPECIFICATION	φ4.8(12/0.12TC*0.85PE*2C+26/0.06TC*0.65PE*1P+AL+5C+AL+65/0.10TC+PT)cold-proof -40°C PU cable
CONDUCTOR	SIZE
	2*0.14mm ² +7*0.08mm ²
	SPECIFICATION MATERIAL
	Tin-Coated copper
INSULATION	CONSTRUCTION
	12/0.12 & 26/0.06
	COLOR
	tin color
	AVG . THICK
SHIELDED	0.2435mm
	MIN . THICK
	0.2185mm
	DIAMETER
JACKET	Ø0.85 & 0.65±0.05
	MATERIAL
	PE
	COLOR
	red,black,blue,purple,yellow, grey,orange,white,green
MARKING	MATERIAL
	bare copper
	CONSTRUCTION
	10mmAL+65/0.10TC braid+PT
	AVG . THICK
JACKET	0.975mm
	MIN . THICK
	0.925mm
	DIAMETER
JACKET	Ø4.8mm±0.1
	MATERIAL
	cold- proof -40°C PU cable
JACKET	COLOR
	matt black color
MARKING	no letter printed on the cable surface

FC.PUR.N09.2226



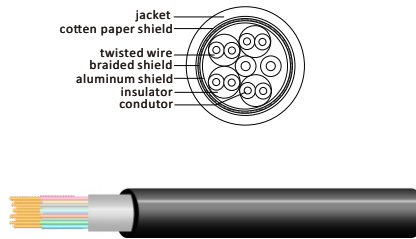
SPECIFICATION	φ5.2 (43/0.10TC1.25+44/0.08TC1.05+28/0.08TC0.85) +AL+96/0.10BR cold-proof-40°C PU cable
CONDUCTOR	SIZE
	2*0.34mm ² +2*0.22mm ² +5*0.14mm ²
	SPECIFICATION MATERIAL
	Tin-Coated copper
INSULATION	CONSTRUCTION
	43/0.10TC 44/0.08TC 28/0.08TC
	COLOR
	tin color
	AVG . THICK
SHIELDED	0.2305mm
	MIN . THICK
	0.2013mm
	DIAMETER
JACKET	&1.25 &1.05 &0.85
	MATERIAL
	PE
	COLOR
	red,grey blue,brown,yellow, white,purple,green,orange
MARKING	MATERIAL
	Tin-Coated copper
	CONSTRUCTION
	AL+96/0.10TC braid
	AVG . THICK
JACKET	1.0982mm
	MIN . THICK
	0.9131mm
	DIAMETER
JACKET	Ø5.25mm±0.25
	MATERIAL
	cold- proof -40°C PU cable
JACKET	COLOR
	matt black color
MARKING	no letter printed on the cable surface

FC.PUR.N10.2224



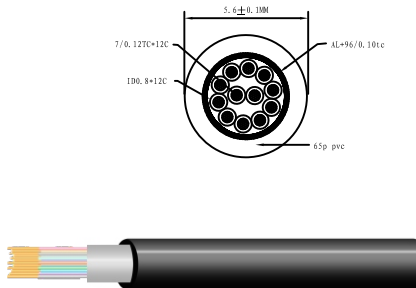
SPECIFICATION	φ6.1<(17/0.16TC ID1.3*2C+11/0.16ID1.1*8C) +AL+96/0.10TC braid > cold-proof -40°C PU cable
CONDUCTOR	SIZE
	2*0.34mm ² +8*0.2mm ²
	SPECIFICATION MATERIAL
	Tin-Coated copper
INSULATION	CONSTRUCTION
	17/0.16TC 11/0.16TC
	COLOR
	17/0.16TC 11/0.16TC
	AVG . THICK
SHIELDED	0.2690mm
	MIN . THICK
	0.2453mm
	DIAMETER
JACKET	&1.3 &1.1±0.05mm
	MATERIAL
	PE
	COLOR
	red,black,white,purple,grey, orange,brown,yellow,blue, green
MARKING	MATERIAL
	Tin-Coated copper
	CONSTRUCTION
	AL+96/0.10TC braid
	AVG . THICK
JACKET	0.6185mm
	MIN . THICK
	0.6014mm
	DIAMETER
JACKET	φ6.1mm±0.1
	MATERIAL
	cold- proof -40°C PU cable
JACKET	COLOR
	matt black color
MARKING	no letter printed on the cable surface

FC.PUR.N10.2601



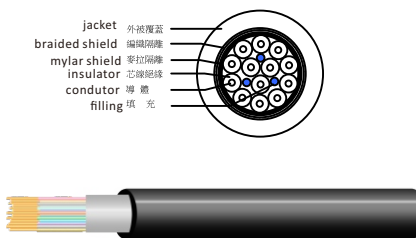
SPECIFICATION	$\phi 7.0 < 4P * 26AWG + 2C * 26AWG + AL + B +$ $P > \text{cold-proof } -40^{\circ}\text{C PU cable}$	
CONDUCTOR	SIZE	$10 * 0.14 \text{mm}^2$
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	7/0.165MM, 7/0.16MM
	COLOR	tin color
INSULATION	AVG . THICK	0.89MM
	MIN . THICK	0.87MM
	DIAMETER	$\phi 1.00 \pm 0.05 \text{MM}$
	MATERIAL	PE
SHIELED	COLOR	red,back+blue*white blue orange*white orange green*white green brown*white brown
	MATERIAL	Tin-Coated copper
	CONSTRUCTION	0.020*18MM
	DIAMETER	$\phi 7.00 \pm 0.20 \text{MM}$
JACKET	MATERIAL	cold- proof -40 $^{\circ}$ C PU cable
	COLOR	matt black color
MARKING	no letter printed on the cable surface	

FC.PVC.N12.2801



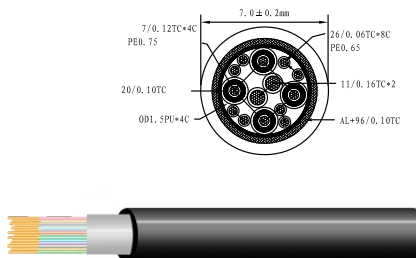
SPECIFICATION	$\phi 5.6 [7/12TC * 0.8 * 12C] + AL + 96/0.10TC$ PVC cable	
CONDUCTOR	SIZE	$12 * 0.08 \text{mm}^2$
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	7/0.12
	COLOR	tin color
INSULATION	AVG . THICK	0.2435mm
	MIN . THICK	0.2185mm
	DIAMETER	$\phi 0.8$
	MATERIAL	PVC
SHIELED	COLOR	red,black,white,green,blue,yellow, brown,orange,purple,gre,pink, light blue
	MATERIAL	Bare copper
	CONSTRUCTION	AL+96/0.10TC
	DIAMETER	$\phi 5.6 \text{mm} \pm 0.15$
JACKET	AVG . THICK	0.975mm
	MIN . THICK	0.925mm
	MATERIAL	PVC cable
	COLOR	matt black color
MARKING	no letter printed on the cable surface	

FC.PUR.N13.2601



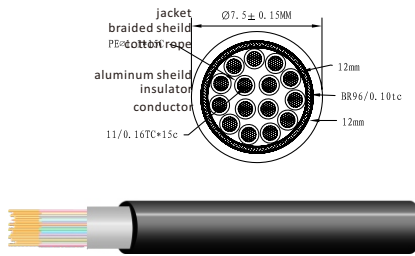
SPECIFICATION	$\phi 6.6 (13C * 26AWG + F + MY + B) VW-1 \text{ PU cable}$	
CONDUCTOR	SIZE	$13 * 0.14 \text{mm}^2$
	SPECIFICATION MATERIAL	BA
	CONSTRUCTION	19/0.10MM
	COLOR	
INSULATION	DIAMETER	$\phi 0.90 \pm 0.05 \text{MM}$
	MATERIAL	PE
	COLOR	Black,brown,red,orange,yellow, green,blue,purple,gre,white,black white, brown white, red white
	MATERIAL	Bare copper
SHIELED	CONSTRUCTION	16*5/0.12MM TA
	DIAMETER	$\phi 6.60 \pm 0.20 \text{MM}$
	MATERIAL	VW-1 PU cable
	COLOR	matt black color
MARKING	no letter printed on the cable surface	

FC.PUR.N14.2428-T



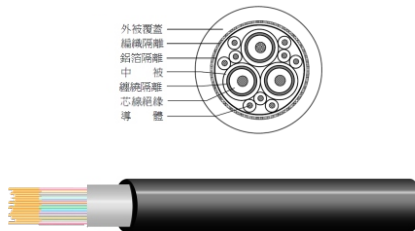
SPECIFICATIN	$\phi 7.0 (26/0.06 * 8c * \phi 0.65 + 11/0.16tc * 2c \phi 1.1 + (7/0.12tc \phi 0.75 + sp20/0.10tc) \phi 1.5 + AL + 96/0.10TC \text{ braid})$ cold-proof -40 $^{\circ}$ C PU cable	
CONDUCTOR	SIZE	$2 * 0.2 \text{mm}^2 + 8 * 0.14 \text{mm}^2 + 4 * 0.08 \text{mm}^2$ (50ohm)
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	26/0.06TC 11/0.16TC 7/0.12TC
	COLOR	tin color
INSULATION	AVG . THICK	0.2305mm
	MIN . THICK	0.2013mm
	DIAMETER	$\phi 0.65 \pm 1.1 \phi 0.75 \pm 0.05 \text{mm}$
	MATERIAL	PE
SHIELED	COLOR	white,red,black,yellow,green,blue, grey,brown, red black, red, yellow, brown,white
	MATERIAL	Tin-Coated copper
	CONSTRUCTION	20/0.10tc
	DIAMETER	$\phi 7.0 \text{mm} \pm 0.25$
JACKET	AVG . THICK	1.0982mm
	MIN . THICK	0.9131mm
	MATERIAL	cold-proof -40 $^{\circ}$ C PU cable
	COLOR	matt black color
MARKING	no letter printed on the cable surface	

FC.PUR.N15.2401



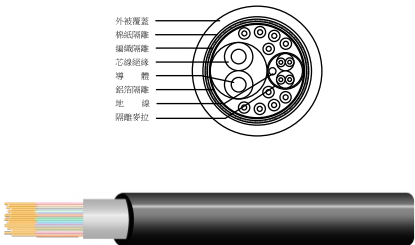
SPECIFICATIN	Φ7.5(11/0.16TC*15C+AL+BR96/0.10TC+PT) cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	15*0.2mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	& 11/0.16TC
INSULATION	COLOR	tin color
	AVG . THICK	0.2435mm
	MIN . THICK	0.2113mm
	DIAMETER	Φ1.1±0.05mm
	MATERIAL	PE
SHIELDED	COLOR	white, green, red, black, blue, yellow, brown, orange, purple, grey, glassy, glassy red, glassy yellow, glassy black
	MATERIAL	Tin-Coated copper
JACKET	CONSTRUCTION	AL+BR96/0.10TC±6+PT
	AVG . THICK	0.7391mm
	MIN . THICK	0.6235mm
	DIAMETER	Φ7.5mm±0.15
	MATERIAL	cold-proof -40℃ PU cable
MARKING	COLOR	matt black color
	no letter printed on the cable surface	

FC.PUR.N15.2801-T



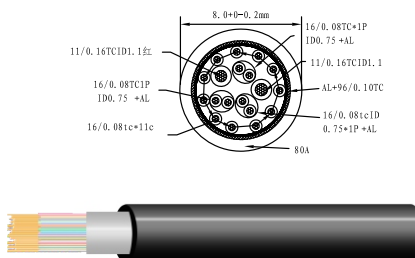
SPECIFICATIN	Φ8.0 (3C*UL1354(S)+9C*28AWG+AL+B/ UL2919) flammability VW-1 cold-proof -55℃ TPU cable	
CONDUCTOR	SIZE	9*0.08mm ² +3*0.08mm ² (75ohm)
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	& 11/0.16TC
INSULATION	COLOR	TA
	DIAMETER	Φ1.60±0.05MM / 0.85±0.05MM
SHIELDED	MATERIAL	FM-PE/SR-PVC
	COLOR	red, black, yellow, green, brown, blue, purple, orange, grey+coaxial red, green, blue
JACKET	DIAMETER	Φ7.80±0.20MM
	MATERIAL	UL-813/70P cold-proof -40℃ PU cable
MARKING	COLOR	matt black color
	E119932-U AWM 2919 80℃ 30V VW-1 LOW VOLTAGE COMPUTER CABLE COPARTNER	

FC.TPU.N16.1401



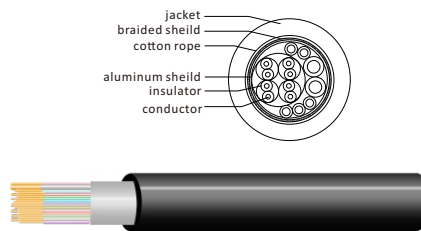
SPECIFICATIN	Φ12.0 (2P*26#+D+AL+MY)+(2C*14#+AL)+3C*24#+7C*26#+AL +B+P cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	2*2.0mm ² +3*0.2mm ² +7*0.14mm ² +4*0.14mm ²
	SPECIFICATION MATERIAL	BA + TA + TA+TA
	CONSTRUCTION	7/0.165MM 41/0.254MM 7/0.20MM 7/0.16MM
INSULATION	COLOR	BA/TA
	DIAMETER	0.87~0.90MM 2.80±0.10MM 1.10±0.05MM 1.0±0.05MM
SHIELDED	MATERIAL	HD-PE
	COLOR	red, black+purple grey white + red black brown orange yellow green blue + green* white green+brown / white brown
JACKET	DIAMETER	Φ12.0±0.30MM
	MATERIAL	flammability VW-1 cold-proof -55℃ TPU-813 cable
MARKING	COLOR	matt black color
	no letter printed on the cable surface	

FC.PUR.N19.2428-S



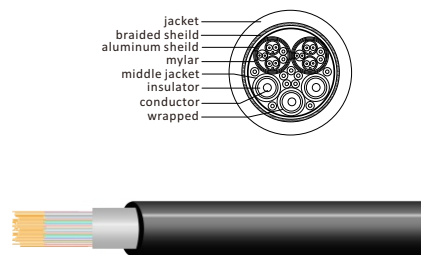
SPECIFICATIN	Φ8.0 (11/0.16TC*1.1*2C+16/0.08TC*0.75*11C+16/0.08TC1P+AL+16/0.08TC1P+AL+16/0.08TC1P+AL) +AL+96/0.10TC) cold-proof -40℃ PU cable	
CONDUCTOR	SIZE	2*2.0mm ² +17*0.08mm ²
	SPECIFICATION MATERIAL	Tin-Coated copper
	CONSTRUCTION	11/0.16 & 16/0.08
INSULATION	COLOR	tin color
	AVG . THICK	0.2435mm
	MIN . THICK	0.2185mm
	DIAMETER	Φ1.1 Φ 0.75±0.05
	MATERIAL	PE
SHIELDED	COLOR	red, black+white, green, red, black, blue, yellow, brown, orange, purple, grey, pink+blue*yellow, green*white, purple*orange
	MATERIAL	Bare copper
JACKET	CONSTRUCTION	15mmAL+96/0.10TC braid+PT
	AVG . THICK	0.975mm
MARKING	MIN . THICK	0.925mm
	DIAMETER	Φ8.0mm±0.2
	MATERIAL	cold-proof -40℃ PU cable
MARKING	COLOR	matt black color
	no letter printed on the cable surface	

FC.PUR.N20.3001-T



SPECIFICATIN	Ø8.0 (4P*28#+AL)*1C+2C*18#+5C*26#+AL+B+P) PU-813/85A cable	
CONDUCTOR	SIZE	4*0.05mm ² +10*0.05mm ² +0.05mm ² (75ohm)
	SPECIFICATION MATERIAL	BA/TA/TA
	CONSTRUCTION	7/0.127MM 34/0.18MM 7/0.16MM
INSULATION	COLOR	BA/TA/TA
	DIAMETER	Ø0.75±0.05MM/1.80±0.05MM/0.70±0.05MM
	MATERIAL	HD-PE/SR-PVC/HD-PE
SHIELDED	COLOR	red,yellow,brown,orange+brown*white, blue*white,red*white, green*white,black*white+coial white
	MATERIAL	TA
	CONSTRUCTION	16*8/0.12MM TA
JACKET	DIAMETER	8.00±0.20MM
	MATERIAL	PU-813/85A
	COLOR	matt black color
MARKING	no letter printed on the cable surface	

FC.PUR.N32.2830-T



SPECIFICATIN	Ø9.5 ((1C*30#+S)3C+9C*30#+((1P*32#+DAM)2C+1P*32#+2C*28#+ABM)2C+AB) UL-813/70P PU cable	
CONDUCTOR	SIZE	2*0.08mm ² +3*0.05mm ² +9*0.05mm ² +6*0.03mm ² (75ohm)
	SPECIFICATION MATERIAL	TA
	CONSTRUCTION	(1C*30H+S)3C+9C*30H/((1P*32H+DAM)2C+1P*32H+2C*28H+ABM)2C
INSULATION	COLOR	TA
	DIAMETER	Ø1.30±0.05MM/1.30±0.05MM/0.55±0.01MM/0.50±0.05mm/0.65±0.05MM
	MATERIAL	FM-PE/PP/FM-PE+SKIN/HD-PE
SHIELDED	COLOR	red,black+pink,light green,light blue+red, black,brown,orange,yellow,green,blue, purple,gray+yellow*blue,orange*purple, green*white
	MATERIAL	TA
	CONSTRUCTION	24*8/0.12MM TA
JACKET	DIAMETER	9.50±0.20MM
	MATERIAL	UL-813/70P PU cable
	COLOR	matt black color
MARKING	no letter printed on the cable surface	

Product Safety Notice

PLEASE READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY AND CONSULT ALL RELEVANT NATIONAL AND INTERNATIONAL SAFETY REGULATIONS FOR YOUR APPLICATION. IMPROPER HANDLING, CABLE ASSEMBLY, OR WRONG USE OF CONNECTORS CAN RESULT IN HAZARDOUS SITUATIONS.

1. SHOCK AND FIRE HAZARD

Incorrect wiring, the use of damaged components, presence of foreign objects (such as metal debris), and / or residue (such as cleaning fluids), can result in short circuits, overheating, and / or risk of electric shock.

Mated components should never be disconnected while live as this may result in an exposed electric arc and local overheating, resulting in possible damage to components.

2. HANDLING

Connectors and their components should be visually inspected for damage prior to installation and assembly. Suspect components should be rejected or returned to the factory for verification.

Connector assembly and installation should only be carried out by properly trained personnel. Proper tools must be used during installation and / or assembly in order to obtain safe and reliable performance.

3. USE

Connectors with exposed contacts should never be live (or on the current supply side of a circuit). Under general conditions voltages above 30 VAC and 42 VDC are considered hazardous and proper measures should be taken to eliminate all risk of transmission of such voltages to any exposed metal part of the connector.

4. TEST and OPERATING VOLTAGES

The maximum admissible operating voltage depends upon the national or international standards in force for the application in question. Air and creepage distances impact the operating voltage; reference values are indicated in the catalog however these may be influenced by PC board design and / or wiring harnesses.

The test voltage indicated in the catalog is 75% of the mean breakdown voltage; the test is applied at 500 V/s and the test duration is 1 minute.

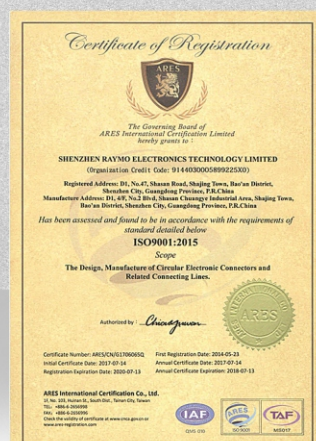
5. CE MARKING

CE Marking is applied to a complete product or device, and implies that the device complies with one or several European safety directives.

CE Marking can not be applied to electromechanical components such as connectors.

6. PRODUCT IMPROVEMENTS

SHENZHEN RAYMO ELECTRONICS TECHNOLOGY LTD have the right to modify and improve to our products or specifications without providing prior notification.





circular
connector

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