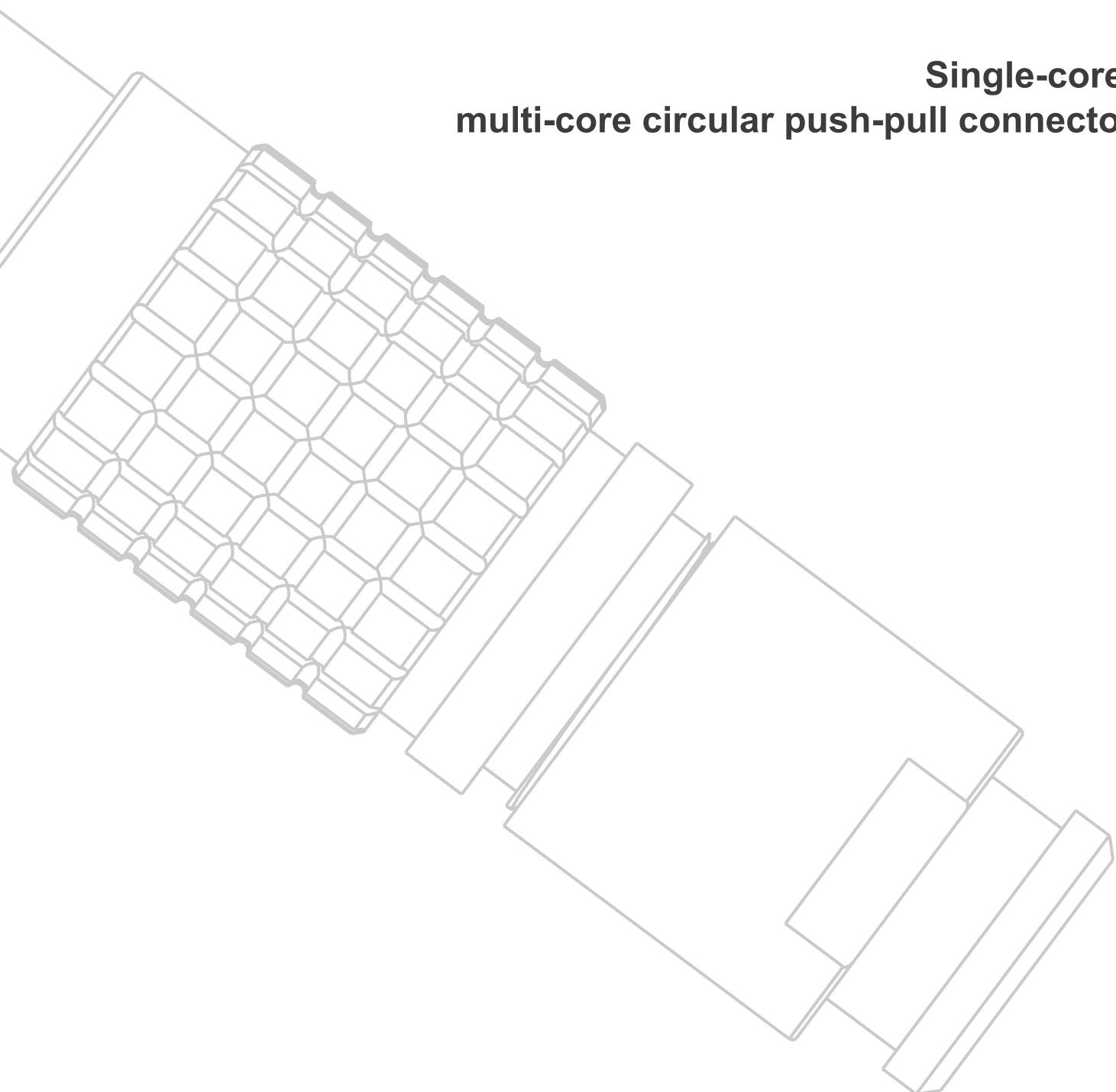




**Single-core,
multi-core circular push-pull connector**





SREADA is a global leader in the design, manufacture and distribution of high-precision, push-pull connector and cable assembly solutions. Our range of products is widely used in harsh environments: industrial control devices; medical, measuring, inspection and audio/visual equipment; and, military applications. SREADA connectors have excellent compatibility with leading suppliers of circular connectors. We can also offer different OEM/ODM services to suit unique applications and requirements.

Our mission is to provide connectors at price points that allow our customers to be more competitive in their markets, providing high-precision products with greater stability, excellent compatibility and low cost. The greater affordability of SREADA connector solutions equips our clients with the capability to explore new opportunities.

SREADA's production flexibility allows us to respond to market trends and the feedback of our customers. Advanced integration of the product development, management, research and development processes and automated production guarantees the reliability and performance of SREADA products.

In the future, SREADA will continue to focus on refining our range of high-end connectors while maintaining their exceptional value. We look forward to establishing new relationships with Australian customers through our distribution partner: **Connector-Tech ALS**.

About Us



Customisation Service

While SREADA offers one of the most extensive product lines in the industry, we also understand that some applications are unique. If our existing range doesn't meet your requirements, we can design and build a connector to suit. In collaboration with **Connector Tech ALS** we can offer innovative, custom-engineered solutions using state-of-the-art development tools.

These powerful tools allow SREADA to complete the entire production process (*right*) in a matter of weeks rather than months.

Customisation Process

Requirement input → Design → Evaluation → Risk evaluation → Prototyping → Customer confirmation → PFMEA → Trial production → Improvement → Order

Corporate Concept

Corporate Mission:

Offering value-added connector products and solutions of high-quality to strengthen clients' competitive advantages.

Core Value:

Pursuing excellence with high-quality and continuous innovation. Inspiring and helping every employee develop responsibility, integrity and foster personal growth. Developing a loyal client base through excellent quality and first-class service.

Quality Policy:

Offering high-precision connectors and value-added connector solutions that meet the requirements of the client. Customer satisfaction and continuous improvement are our responsibility.



Content



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» SRD-001 series electric connectors Introduction

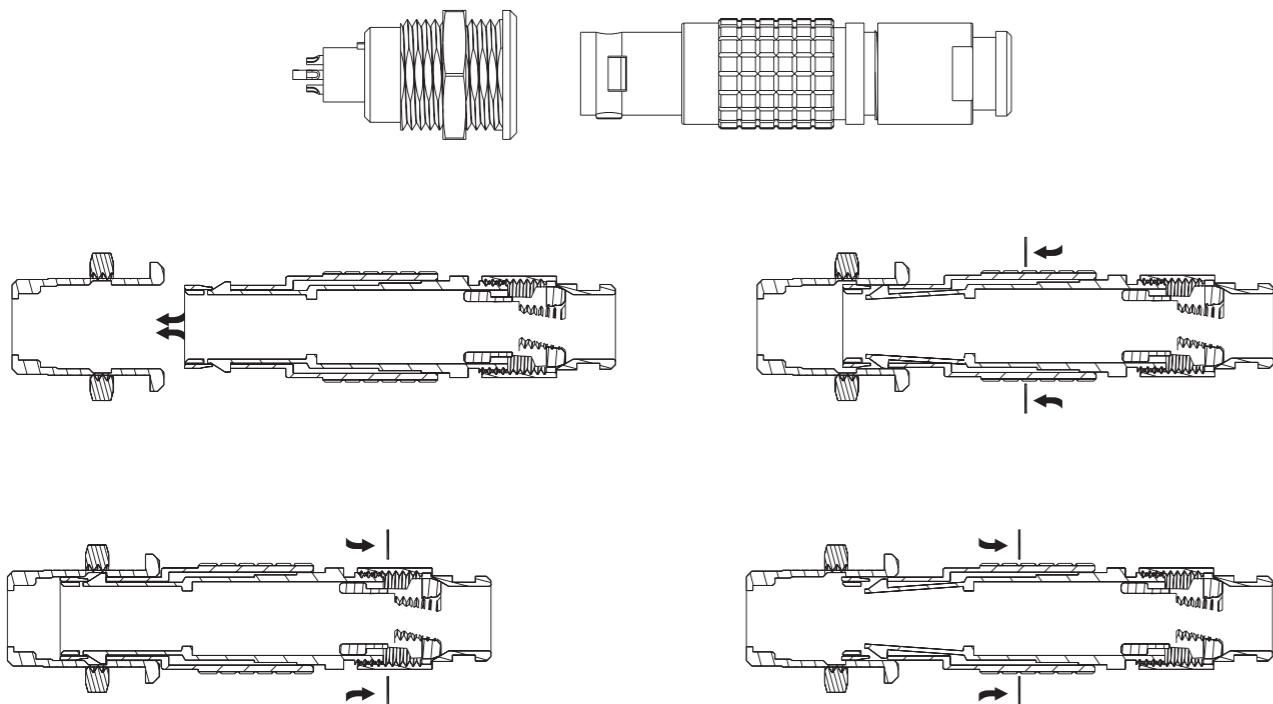
SRD-001 series electric connectors

SRD-001 series circular connectors use a self-latching push-pull structure. They are widely used in electronics, instrumentation, video processing, medical and other equipment with electrical signal connections and separations are required.

Main features :

- Push-pull self latching system makes it easy for mating and unmating (anti-slip design on shell surface)
- Multi-contact types with 2 to 64 contacts
- Soldered or printed circuit contacts (straight or elbow)
- Keying system (G key standard) for connector alignment
- Multiple key options to avoid cross-mating of similar connectors
- High packing density for space savings
- 360° screening for full EMC shielding

How does it work?



» B-series

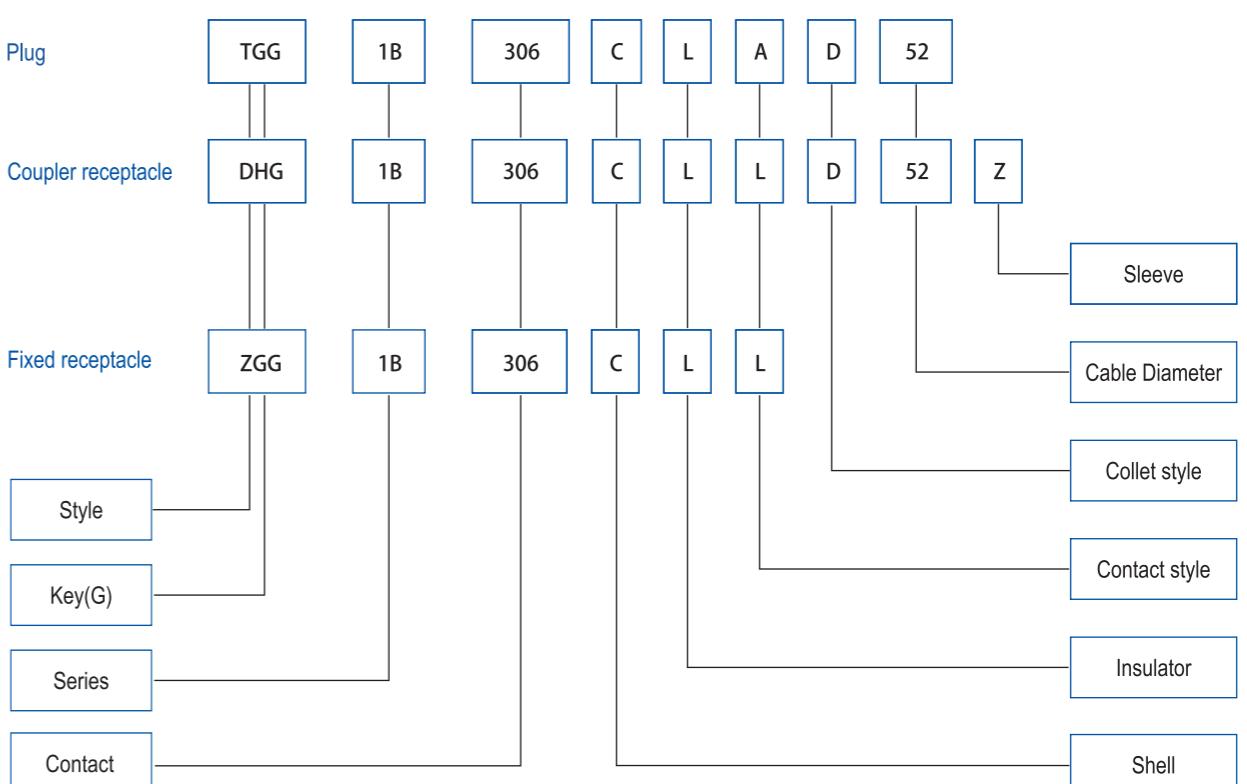
B Series connector with the following main features:

- Security of the push-pull self-latching system;
- Multicore types with 2 to 32 pins;
- Solder or PCB contacts (straight or elbow);
- High-density installation for space-saving;
- Multiple key options to avoid cross mating or similar connectors;
- 360-degree screening for full EMC protection

B Series connector with the following main features:

- Mechanical properties and environmental factors;
- Endurance > 5000 cycles
- Humidity: up to 95% at 60°C
- Temperature range: -45°C ~ +125°C
- Resistance to vibration: 10-20000Hz, 15g
- Shock resistance: 100g, 6ms
- Salt spray corrosion test > 48hrs
- Protection index: IP50

B Series Part Numbering Example:



» B-series

Part Number Example

Straight plug with sleeve

TGG.1B.306.CLAD62: 1B Series straight plug, key fixing G, 6 pins, chrome plated brass shell, PPS insulator, solder male contact for 6.2mm diameter cable

Fixed coupler receptacle

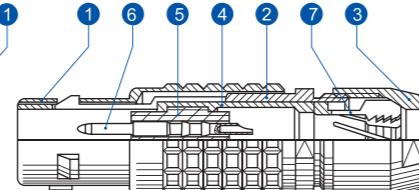
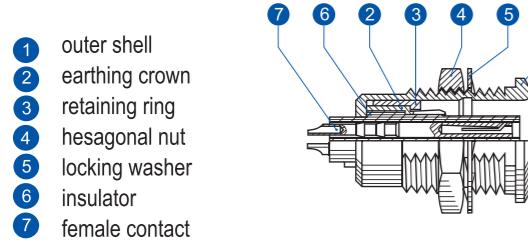
DHG.1B.306.CLLD62Z: 1B Series coupler receptacle, single key fixing G, 6 pins, chrome plated brass shell, PPS insulator, solder contact for 6.2mm diameter cable, cable collet to fix cable with black sleeve.

Fixed receptacle

ZGG.1B.306.CLL: 1B Series fixed receptacle, fixed inside of case with nut, key fixing G, 6 pins, chrome plated brass shell, PPS insulator, solder female contact

Product profile

Fixed socket



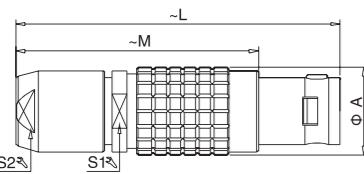
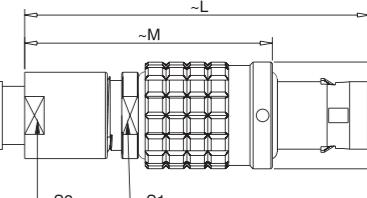
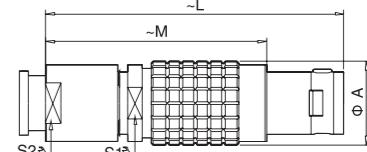
Straight plug

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

» B-series

General straight plug, with key (G) or key (AtoM,R) to avoid moving and mismatching, cable collet to fix cable, with sleeve to prevent cable from bending

Items		Dimension				
Series	Style	A	L	M	S1	S2
00B	TGG	6.4	36.5	28.5	5.5	6.0
0B	TGG	9.5	35.5	25.0	8.0	7.0
1B	TGG	12.0	42.0	31.0	10.0	9.0
2B	TGG	15.0	49.0	37.0	13.0	13.0
3B	TGG	18.0	56.5	42.0	15.0	15.0

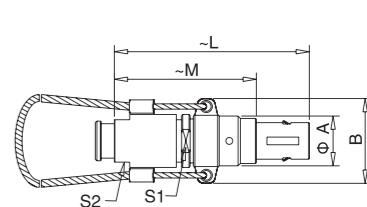


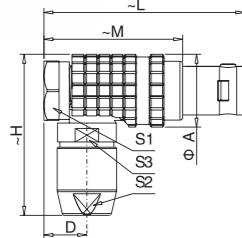
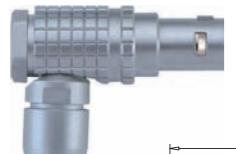
Standard general straight plug, with key (G) or key (AtoM,R) to avoid moving and mismatching, cable collet to fix cable.

Items		Dimension				
Series	Style	A	L	M	S1	S2
00B	TGG	6.4	28.5	20.5	5.5	5.0
0B	TGG	9.5	36.0	26.0	8.0	7.0
1B	TGG	12.0	43.0	32.0	10.0	9.0
2B	TGG	15.0	50.0	38.0	13.0	12.0
3B	TGG	18.0	58.0	43.0	15.0	14.0

TNG straight plug, key(G) or keys(AtoM and R) cable collet and end cap with sleeve.

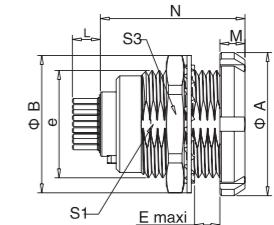
Items		Dimension						
Series	Style	A	B	L	M	N	S1	S2
0B	TNG	9.5	15.5	36.0	26.0	140	8	7
1B	TNG	12.0	18.0	43.0	32.0	140	10	9
2B	TNG	15.0	21.0	49.0	37.0	160	13	12
3B	TNG	18.0	25.0	58.0	43.0	190	15	14



>> B-series


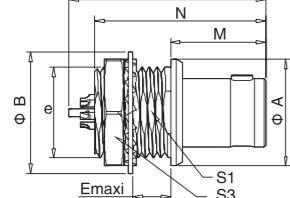
90 degree elbow plug, with key (G) or (A to M and R) to avoid moving and mismatching.
cable collet to fix cable

Items		Dimension							
Series	Style	A	D	H	L	M	S1	S2	S3
0B	THG	11.0	6.5	26.0	31.6	21.6	10	7	8.0
1B	THG	13.5	8.0	30.5	36.0	25.0	11	9	10.0
2B	THG	16.5	9.0	34.0	41.5	29.5	14	12	13.0
3B	THG	19.0	10.0	37.0	50.0	35.0	17	14	15.0

>> B-series


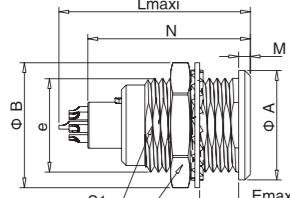
Fixed receptacle assembled,with two nuts, with key (G) or key (A to M,R) to avoid moving and mismatching. (Install rear of panel)

Items		Dimension								
Series	Style	A	B	e	E	L	M	N	S1	S3
0B	ZCG	12	12.4	M9x0.6	5.5	20.7	2.5	19.1	8.2	11
1B	ZCG	16	15.8	M12x1.0	6.0	23.0	3.5	21.1	10.5	14
2B	ZCG	20	19.2	M15x1.0	6.5	26.7	3.5	24.6	13.5	17
3B	ZCG	24	25.0	M18x1.0	9.0	30.7	4.5	28.1	16.5	22



Fixed inside of case, without latching device,fixed nut, with key (G) or key (A to M,R) to avoid moving and mismatching.

Items		Dimension							
Series	Style	A	B	e	E	L	M	N1	S1
0B	TAG	10	12.4	M9x0.6	4.2	20.8	11.2	18.9	8.2
1B	TAG	14	15.8	M12x1.0	5.4	25.2	12.5	21.6	10.5
2B	TAG	18	19.2	M15x1.0	6.0	28.7	13.8	23.9	13.5
3B	TAG	22	25.0	M18x1.0	5.8	32.1	17.0	30.2	16.5

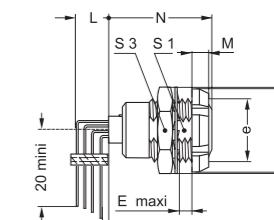


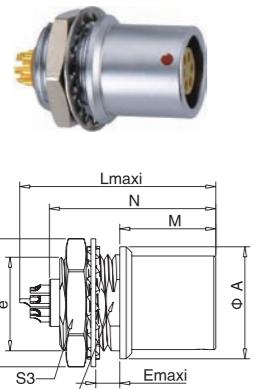
Receptacle assembled outside, fixed inside of case with nut, with key (G) or key (A to M, R) to avoid moving and mismatching.

Items		Dimension								
Series	Style	A	B	e	E	L	M	N1	S1	S3
00B	ZGG	8	10.2	M7x0.5	6.0	15.5	1.0	13.7	6.3	9
0B	ZGG	10	12.4	M9x0.6	7.0	20.7	1.2	19.1	8.2	11
1B	ZGG	14	15.8	M12x1.0	7.5	23.0	1.5	21.1	10.5	14
2B	ZGG	18	19.2	M15x1.0	8.5	26.7	1.8	24.6	13.5	17
3B	ZGG	22	25.0	M18x1.0	11.5	30.7	2.0	28.1	16.5	22

ZCG fixed receptacle, with two nuts, key (G) or key (A to F), elbow (90 degree)
printed circuit pin (Receptacle, assembled outside)

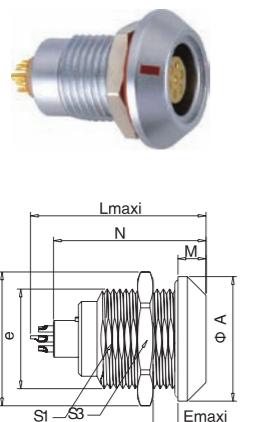
Items		Dimension							
Series	Style	A	B	e	E	M	N	S1	S3
0B	ZCG	12	12.4	M9x0.6	2.4	3.5	18.3	8.2	11
1B	ZCG	16	15.8	M12x1.0	6.0	3.5	20.3	10.5	14
2B	ZCG	20	19.2	M15x1.0	6.5	3.5	22.3	13.5	17
3B	ZCG	24	25.0	M18x1.0	9.0	4.5	25.8	16.5	22



>> B-series


Fixed receptacle, nut fixed and protruding type shell, with key (G) or key (A to M,R)

Items		Dimension								
Series	Style	A	B	e	E	L	M	N1	S1	S3
0B	ZHG	10	12.4	M9x0.6	2	12.5	19.5	19.1	8.2	11
1B	ZHG	14	15.8	M12x1.0	4	12	21.7	21.1	10.5	14
2B	ZHG	18	19.2	M15x1.0	5.1	12.5	22.7	24.6	13.5	17
3B	ZHG	22	25	M18x1.0	7.1	13.5	30.7	30.3	16.5	22



Sealed receptacle assembled outside, nut fixed with key (G) or key (A to M,R) to avoid moving and mismatching. Watertight or vacuum sealed.

Items		Dimension								
Series	Style	A	B	e	E	L	M	S1	S3	
0B	MGG	13	12.4	M9x0.6	7.0	20.1	3.0	8.2	11	
1B	MGG	18	15.8	M12x1.0	7.0	26.6	4.5	10.5	14	



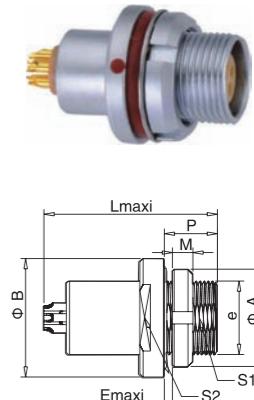
MHG fixed plug, nut fixing, key(G) or key (A to M and R) watertight or vacuum sealed (watertight when mated)

Items		Dimension								
Series	Style	A	B	e	E	L	M	S1	S3	
0B	MHG	13	12.4	M9x0.6	7.0	23.2	4.8	8.2	11	
1B	MHG	18	15.8	M12x1.0	7.0	30.3	5.2	10.5	14	
2B	MHG	22	19.2	M15x1.0	8.0	35.6	6.0	13.5	17	

>> B-series

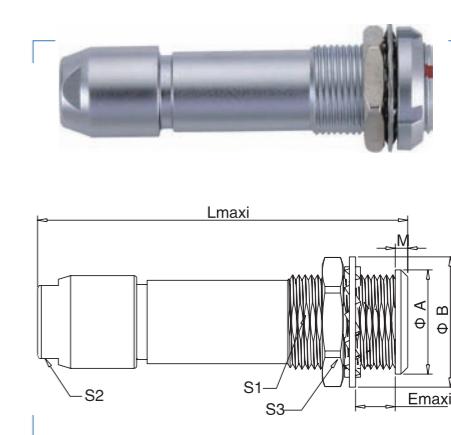
MEG fixed plug, nut fixing, key (G) or key (A to M and R) watertight or vacuum sealed (back panel mounting)

Items		Dimension								
Series	Style	A	B	e	E	L	M	P	S1	S3
0B	MEG	12	13	M9x0.6	5.5	20.2	2.5	9.0	8.2	-
1B	MEG	16	18	M12x1.0	5.5	26.6	3.5	11.0	10.5	-
2B	MEG	20	20	M15x1.0	7.5	31.6	3.5	9.6	13.5	15



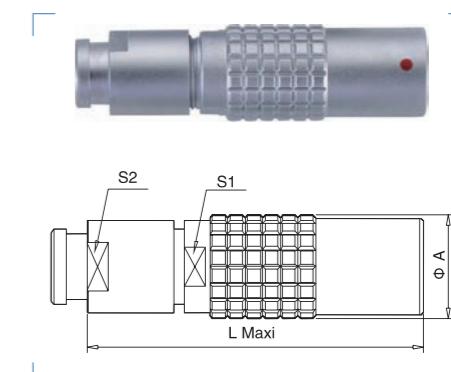
DFG fixed socket, nut fixing, key (G) or key(A to M and R) cable collet

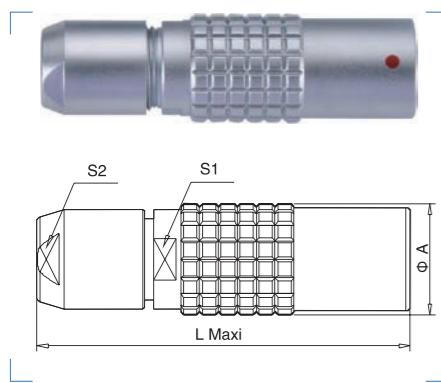
Items		Dimension								
Series	Style	A	B	e	E	L	M	S1	S2	S3
0B	DFG	10	12.4	M9x0.6	7.0	35.5	1.2	8.2	7	11
1B	DFG	14	15.8	M12x1.0	7.5	40.5	1.5	10.5	9	14
2B	DFG	18	19.2	M15x1.0	8.5	47	1.8	13.5	12	17
3B	DFG	22	25.0	M18x1.0	11.5	56	2.0	16.5	14	22



DHG free socket, key (G) and key (A to M and R) cable collet (A to M and R) cable collet (and outer shell)

Items		Dimension			
Series	Style	A	L	S1	S2
0B	DHG	9.5	35.5	8.0	7
1B	DHG	12.5	40.5	10.0	9
2B	DHG	16.5	47.0	13.0	12
3B	DHG	19.0	56.0	15.0	14



>> B-series


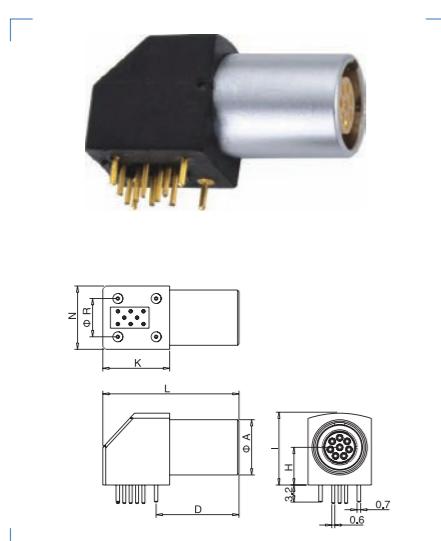
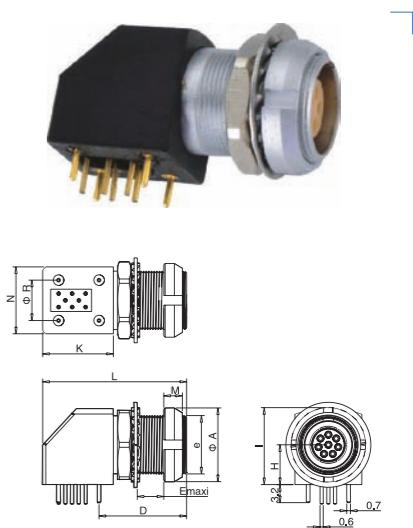
Coupler receptacle, with key (G) or key (A to M,R) to avoid moving and mismatching. Cable collet to fix cable

Items		Dimension				
Series	Style	A	L	S1	S2	
0B	DHG	9.5	35.5	8.0	7.0	
1B	DHG	12.5	40.5	10.0	9.0	
2B	DHG	16.5	47.0	13.0	12.0	
3B	DHG	19.0	56.0	15.0	15.0	

>> B-series

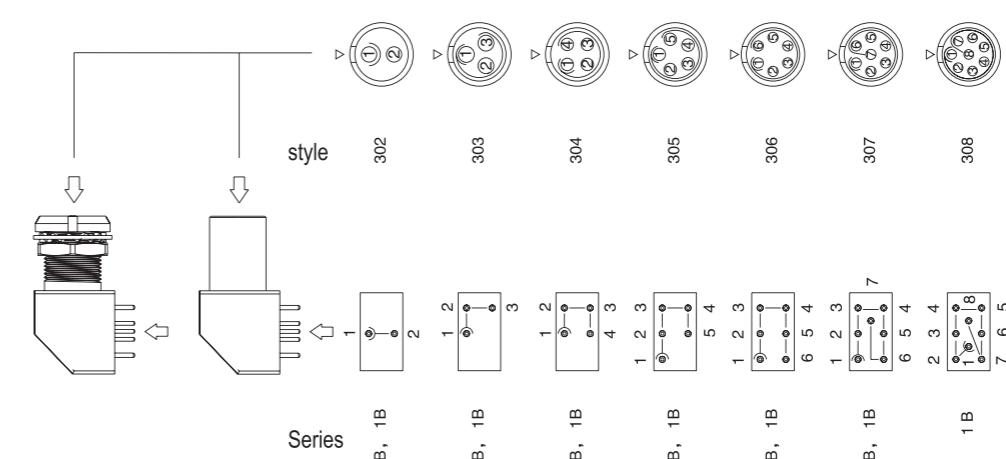
Elbow (90 degree) printed circuit receptacle, fixed with two nuts, with key (G) or key (A to F) to avoid moving and mismatching. Solder or screw fixed. (Install rear of panel)

Items	Dimension												
	A	B	D	e	E	H	I	K	L	M	N	R	S3
ZXG.0B.302.HLN													
ZXG.0B.303.HLN	12	12.4	14.6	M9x0.6	6.0	6.7	12.7	13.3	25.0	2.5	11.7	7.62	11
ZXG.0B.304.HLN													
ZXG.0B.305.HLN													
ZXG.0B.306.HLN													
ZXG.0B.307.HLN													
ZXG.1B.302.HLN													
ZXG.1B.303.HLN													
ZXG.1B.304.HLN													
ZXG.1B.305.HLN	14	15.0	16.6	M11x0.5	7.5	7.5	14.0	13.3	27.0	3.5	12.6	7.62	13
ZXG.1B.306.HLN													
ZXG.1B.307.HLN													
ZXG.1B.308.HLN													



Elbow (90 degree) printed circuit receptacle, with key (G) or key (A to F) to avoid moving and mismatching. (solder or screw fixed)

Items	Dimension							
	A	D	H	I	K	L	N	R
ZPG.0B.302.HLN								
ZPG.0B.303.HLN	9.0	14.6	6.7	12.7	13.3	25.0	11.7	7.62
ZPG.0B.304.HLN								
ZPG.0B.305.HLN								
ZPG.0B.306.HLN								
ZPG.0B.307.HLN								
ZPG.1B.302.HLN								
ZPG.1B.303.HLN	11.0	16.6	7.5	14.0	13.3	27.0	12.6	7.62
ZPG.1B.304.HLN								
ZPG.1B.305.HLN								
ZPG.1B.306.HLN								
ZPG.1B.307.HLN								
ZPG.1B.308.HLN								



» K-series

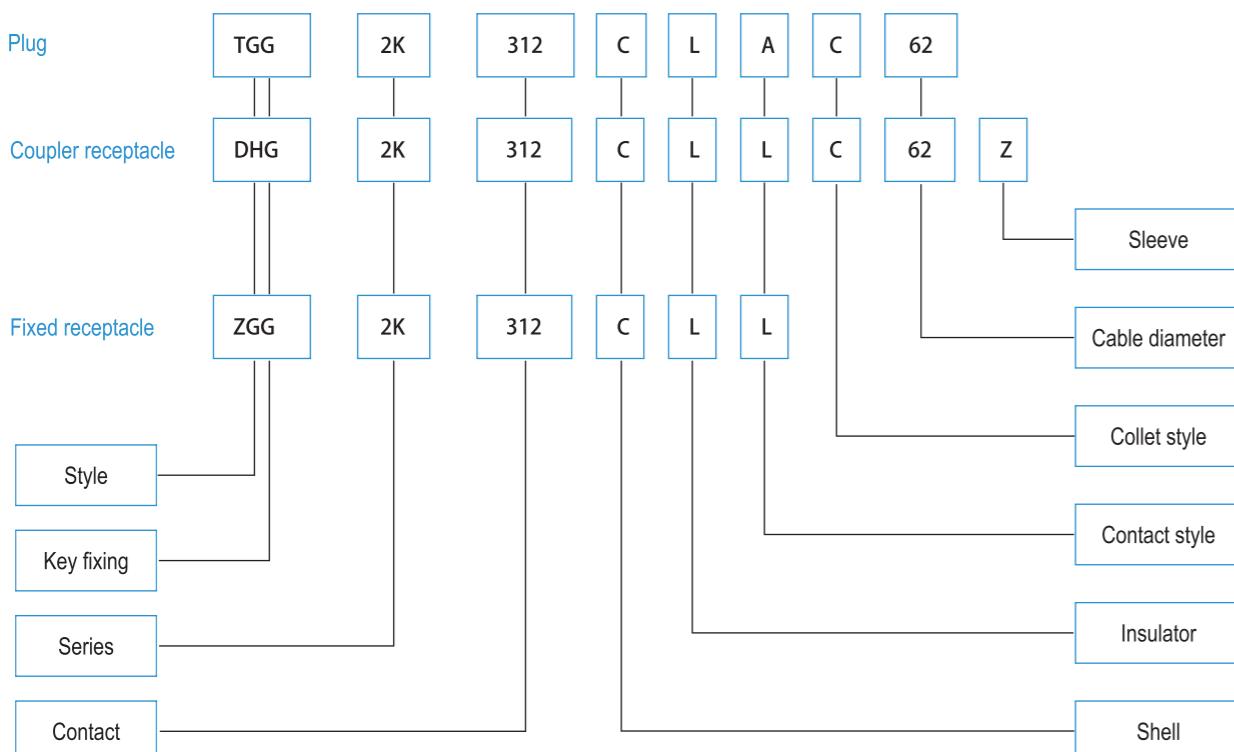
K Series connector with the following main features:

The K series are watertight when mated to give a protection index of IP68 as per IEC 60529 standard (in mated condition) when correctly assembled to an appropriate cable (IP66 otherwise).

K series connectors have the same insulators as the B series and have the following main features:

- Smart push-pull self-latching system;
- Multi-core types with 2 to 32 pins;
- Solder or PCB contacts (straight and elbow);
- Different kinds of keying options to avoid mismatching;
- 360 degree screening for full EMC shielding;
- Waterproof connector (IP66 to 68);
- Rugged housing for extreme working conditions.
- High packing density for space savings.

K series part numbering example:



K Series connector with the following main features:

- Mechanical properties and environmental factors:
- Endurance > 5000 cycles
- Humidity: up to 95% at 60°C
- Temperature range: -45° ~ +125°
- Resistance to vibration: 10-20000Hz, 15g
- Shock resistance: 100g, 6ms
- Salt spray corrosion test > 48h
- Protection: IP66 ~ IP68

» K-series

Part Number Example

• Straight plug with sleeve

TGG.2K.213.CLAC62: 2K Series straight plug, key fixing G, multi-contact of 12 pins, chrome plated brass shell, PPS insulator, solder male contact, apply to cable diameter of 6.2mm.

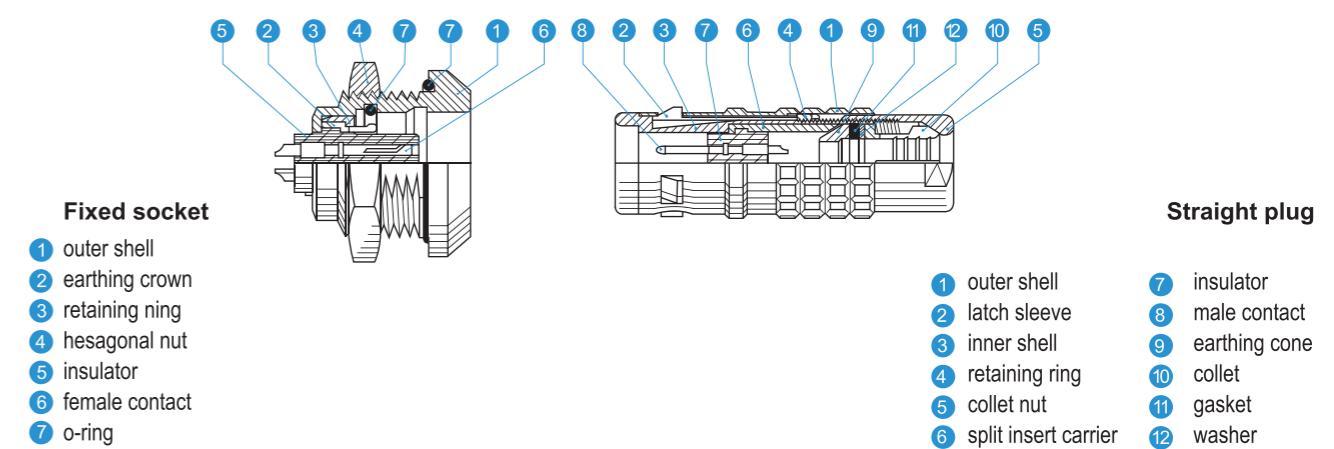
• Fixed coupler receptacle

DHG.2K.312.CLLC62Z: 2K Series coupler receptacle, key fixing G, multi-contact of 12 pins, chrome plated brass shell, PPS insulator, solder female contact, apply to cable diameter of 6.2mm, cable collet fix cable with black sleeve.

• Fixed receptacle

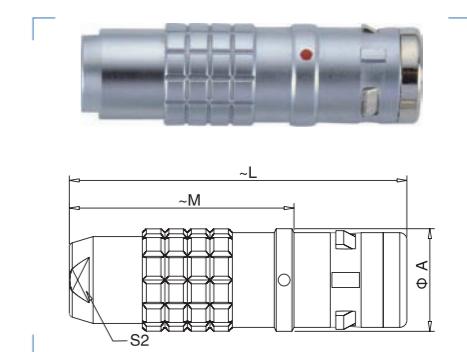
ZGG.2K.312.CLL: 2K Series fixed receptacle, fixed inside of case with nut, key fixing G, multi-contact of 12 pins, chrome plated brass shell, PPS insulator, solder female contact

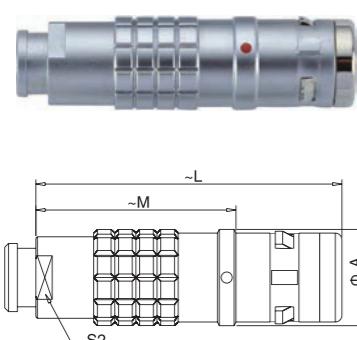
Product profile



Standard general straight plug, waterproof, with key (G) or (A to F, L, R) to avoid moving and mismatching, cable collet to fix cable.

Items		Dimension			
Series	Style	A	L	M	S1
0K	TGG	11	34	23	8
1K	TGG	13	42	28	9
2K	TGG	16	52	36	12



» K-series


General waterproof plug, with key (G) or (A to F,L,R) to avoid moving and mismatching cable collet to fix cable, with sleeve to prevent the cable from bending.

Items		Dimension				
Series	Style	A	L	M	S2	
0K	TGG	11	34	23	7	
1K	TGG	13	42	28	9	
2K	TGG	16	52	36	12	



Receptacle assembled outside, nut fixed, with key (G) or (A to F,L,R) to avoid moving and mismatching.

Items		Dimension								
Series	Style	A	B	e	E	L	M	N1)	S1	S3
0K	ZGG	18	19.2	M14x1.0	6	21.7	4.0	20.1	12.5	17
1K	ZGG	20	21.5	M16x1.0	9	27.0	4.5	25.1	14.5	19
2K	ZGG	25	27.0	M20x1.0	9	30.7	5.0	28.6	18.5	24

N.B.Straight and right-angle PCB versions are also available. Drawings are available on request.



Receptacle assembled inside, nut fixed, with key (G) or (A to F,L,R) to avoid moving and mismatching. (Install rear of panel)

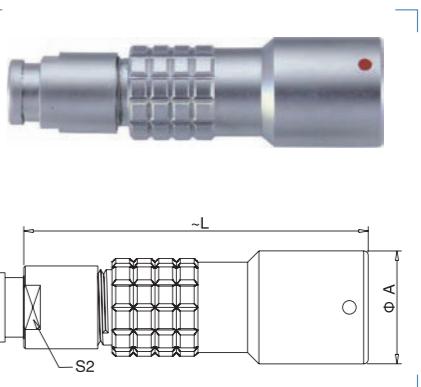
Items		Dimension								
Series	Style	A	B	e	E	L	M	N1)	P	S1
0K	ZEG	18	18	M14x1.0	3.4	21.7	3.5	20.1	7	12.5
1K	ZEG	20	20	M16x1.0	6.2	27.0	3.5	25.1	10	14.5
2K	ZEG	25	25	M20x1.0	5.0	30.7	3.5	28.6	10	18.5

N.B.Straight and right-angle PCB versions are also available. Drawings are available on request.

» K-series

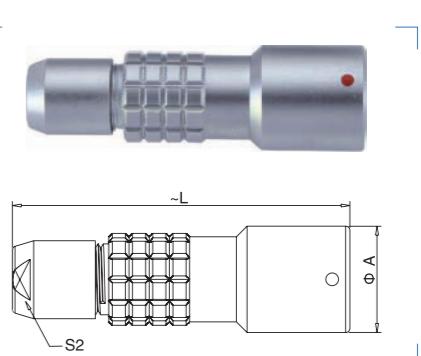
Coupler receptacle, used for connecting between cables, with key (G) or (A to F, L, R) to avoid moving and mismatching, cable collet to fix cable, with sleeve to prevent cable from bending.

Items		Dimension		
Series	Style	A	L	S2
0K	DHG	13	34	7
1K	DHG	15	45	9
2K	DHG	19	54	12



Coupler receptacle, used for connecting between cables, with key (G) or (A to F,L,R) to avoid moving and mismatching, cable collet to fix cable.

Items		Dimension		
Series	Style	A	L	S2
0K	DHG	13	34.0	8
1K	DHG	15	42.0	9
2K	DHG	19	52.0	12



» K-series

Shell (B, K-series)

No.	Outer Shell & Collet		Latch sleeve & Grounding Crown		Other Metal Component	
	Material	Surface	Material	Surface	Material	Surface
C	Brass	Pearl Chrome	Brass/Bronze	Nickel	Brass	Nickel
N	Brass	Nickel	Brass/Bronze	Nickel	Brass	Nickel
K	Brass	Black Chrome	Brass/Bronze	Nickel	Brass	Nickel
S	Stainless Steel	—	Brass/Bronze	Nickel	Brass	Nickel
T	Stainless Steel	—	Stainless Steel	Nickel	Brass	Nickel
U	Stainless Steel	—	Stainless Steel	Nickel	Stainless Steel	Nickel
L	Aluminum Alloy	Positive Pole Plated	Brass/Bronze	Nickel	Brass	Nickel
X	Aluminum Alloy	Black Nickel	Brass/Bronze	Nickel	Brass	Nickel
Remarks: K-series latch sleeve surface plated chrome						

» S-series

S Series connector with the following main features:

- Security of the push-pull self-latching system;
- multi-core type (2-6);
- Solder or PCB contacts (straight and elbow);
- high-density installation for saving space;
- high-low insulator positioning avoid mismatching;
- 360 degree screening for full EMC shielding;

S series part numbering example:

Straight plug with sleeve

TFA.1S.304.CLAC32: 1S Series straight plug, multi-contact of 4 pins, chrome plated brass shell, PPS insulator, two male and two female, solder contact, apply to cable diameter of 3.2mm, cable collet fix with black sleeve.

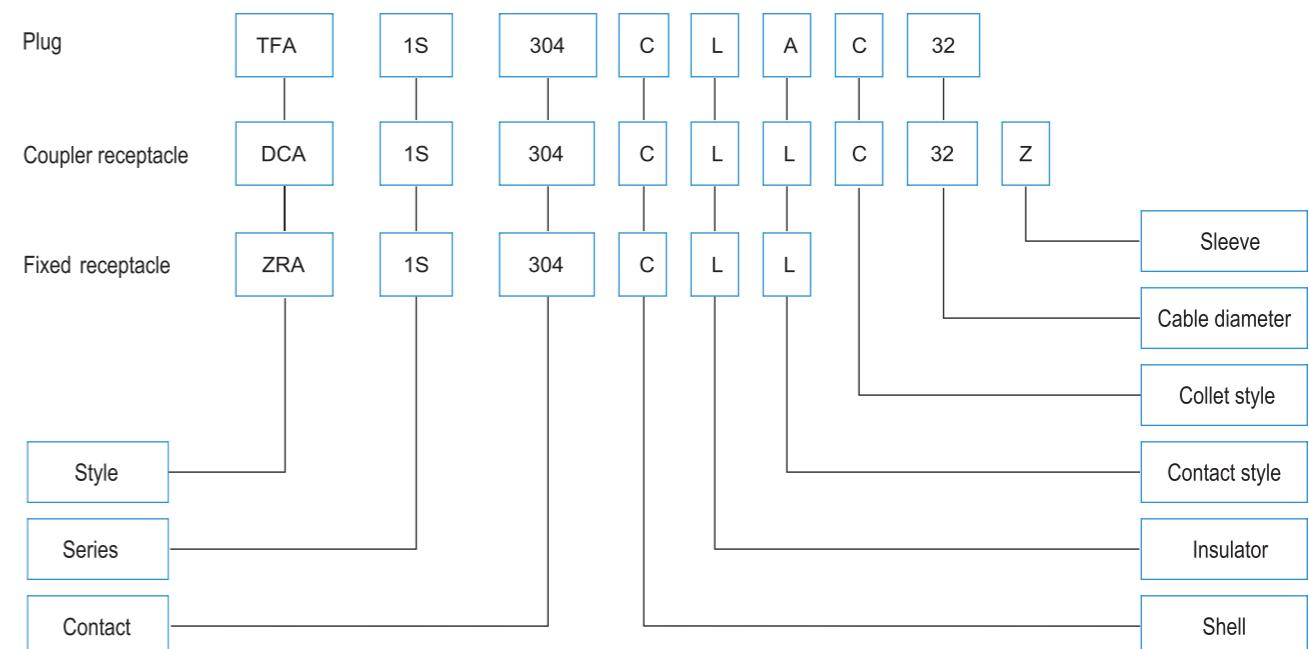
Fixed coupler receptacle

DCA.1S.304.CLLC32Z: 1S Series coupler receptacle, without key, multi-contact of 4 pins, chrome plated brass shell, PPS insulator, two male and two female, solder contact, apply to cable diameter of 3.2mm, cable collet fix with black sleeve.

Fixed receptacle

ZRA.1S.304.PLL: 1S Series fixed receptacle, fixed with two nuts, without key, multi-contact of 4 pins, chrome plated brass shell, PPS insulator, two male and two female, solder contact.

S series part numbering example:



Key (G)

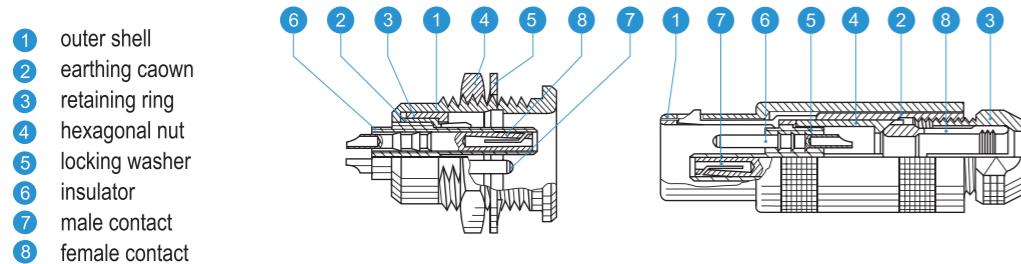
K series connector model part number are composed of three letters. The LAST LETTER indicates the key position and the contact type (male or female). For example, straight plugs with G key or A, B, C, D, E, F, R or Y keys, are fitted with male contacts, whereas with J, K, L, M keys, plugs are fitted with female contacts.

RoForonce	Nb of keys	Angle	Senries		RoForonce	Angle	Senries		Contact type		front view of a socket
			0B	1B			2B	3B	Plug	Socket	
G	1		0°	0°	1		0°	0°	Plug	Socket	
A	2		30°	30°	2		30°	30°	Plug	Socket	
B	2	α	60°	60°	2	α	45°	45°	Plug	Socket	
C	2		90°	90°	2		60°	60°	Plug	Socket	
D	2	β	135°	135°	2	γ	95°	95°	Plug	Socket	
E	2		145°	145°	2		120°	120°	Plug	Socket	
F	2	β	155°	155°	2	β	145°	145°	Plug	Socket	
J	2		45°	45°	2		37.5°	37.5°	Socket	Plug	

» S-series

Product profile

Fixed socket



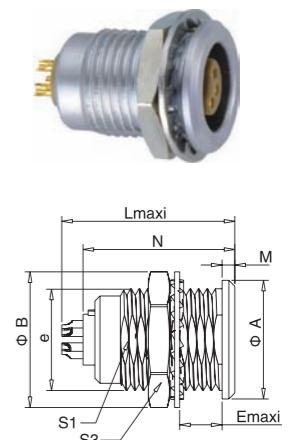
Straight plug



» S-series

Fixed receptacle, fixed inside with nut.

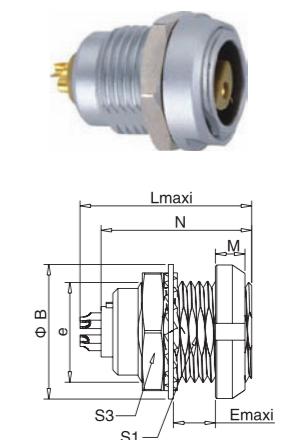
Items		Dimension							
series	model	A	B	e	E	L	M	S1	S3
00	ZRA	8	10.2	M7x0.5	5.5	14.5	1.0	6.3	9
0S	ZRA	10	12.3	M9x0.6	7.0	21.3	1.2	8.2	11
1S	ZRA	14	16.0	M12x1.0	7.5	23.2	1.5	10.5	14
2S	ZRA	18	19.2	M15x1.0	8.0	24.8	2.0	13.5	17



Standard straight plug, cable collet to fix cable. With inside components to avoid cables moving.

Fixed receptacle, fixed either inside or outside with two nuts.

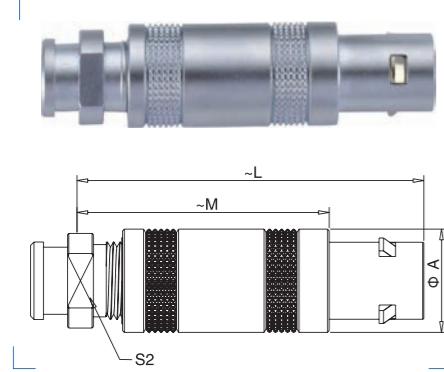
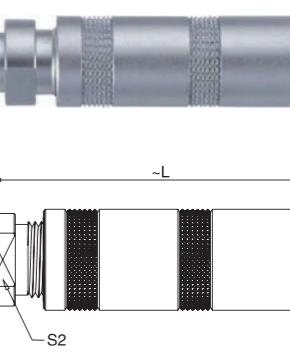
Items		Dimension								
series	model	A	B	e	E	L	M	N	S1	S3
0S	TFA	8.8	34.5	24.5	6.5					
1S	TFA	11.8	42.5	31.5	8.5					
2S	TFA	14.8	52.0	40.0	11.0					



Standard straight plug, cable collet to fix cable. With inside components to avoid cables moving and sleeve to prevent the cable from bending.

Coupler receptacle, used for connecting between cables, with key (N, A, B, W) to avoid moving and mismatching, cable collet to fix cable, with sleeve to prevent the cable from bending.

Items		Dimension		
series	model	A	L	S2
0S	DCA	8.9	33.5	7
1S	DCA	11.9	40.5	9
2S	DCA	14.8	50.0	12

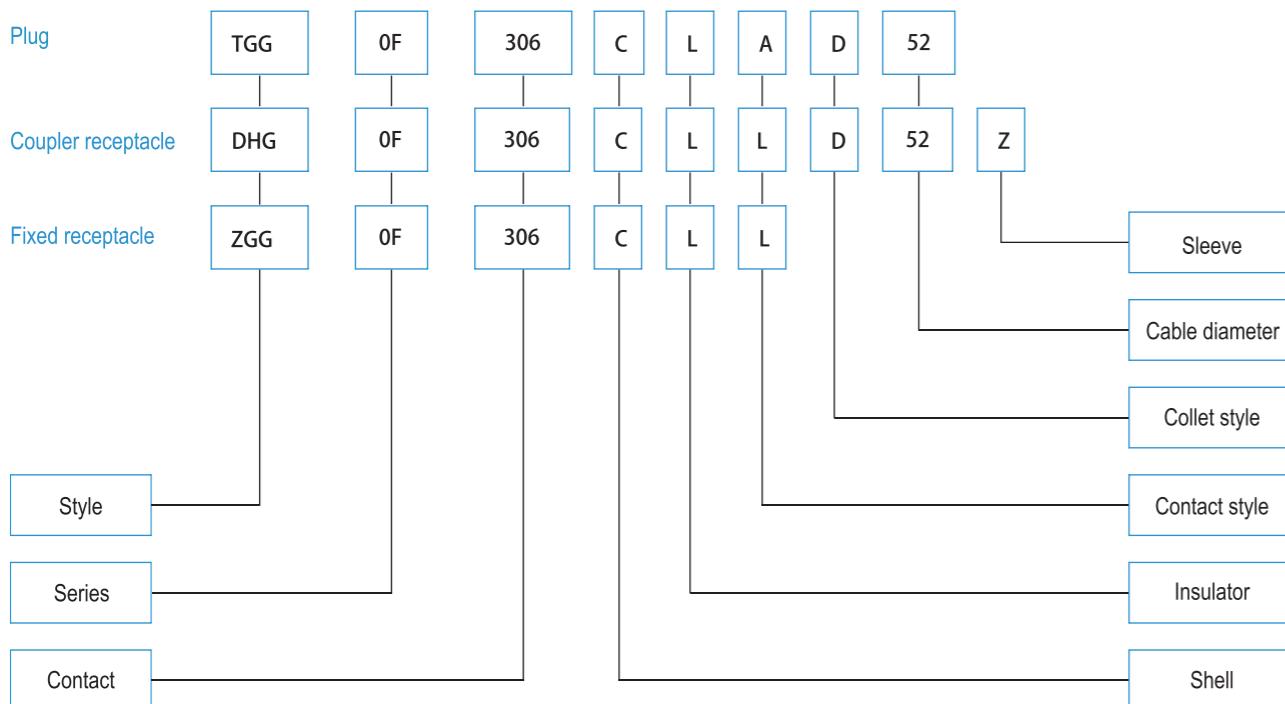


» F-series

F series connector with the following main features:

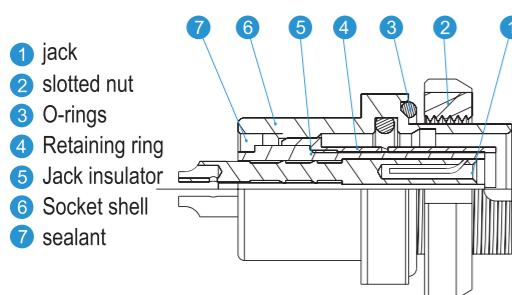
- security of the push-pull self-latching system;
- multi-core type with 2 to 32 pins;
- solder and PCB contacts (straight and bend);
- high-density installation for saving space;
- 360-degree screening for full EMC protection;
- receptacle is vacuum sealed, suitable for the equipment demanding obturation.

F series part numbering rules:



Product profile

Fixed socket

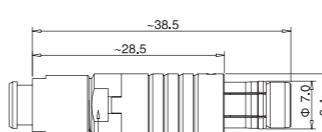


Straight plug



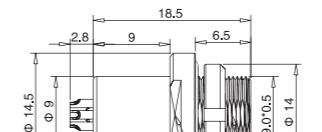
» F-series

Standard straight plug, inside components avoid cable rotating, half-circular metal to avoid mismatching.

Items	Dimension
OF TGG	

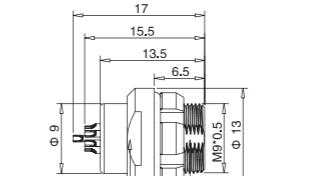


Vacuum sealed receptacle, outside nut fixed, half-circular metal to avoid mismatching.

Items	Dimension
OF ZGG	

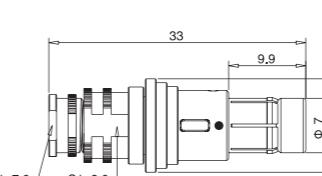


ZLG short Vacuum sealed receptacle, outside nut fixed, half-circular metal to avoid mismatching.

Items	Dimension
OF ZLG	



TLG short straight plug, more pieces positioned, half-circular metal to avoid mismatching.

Items	Dimension
OF TLG	

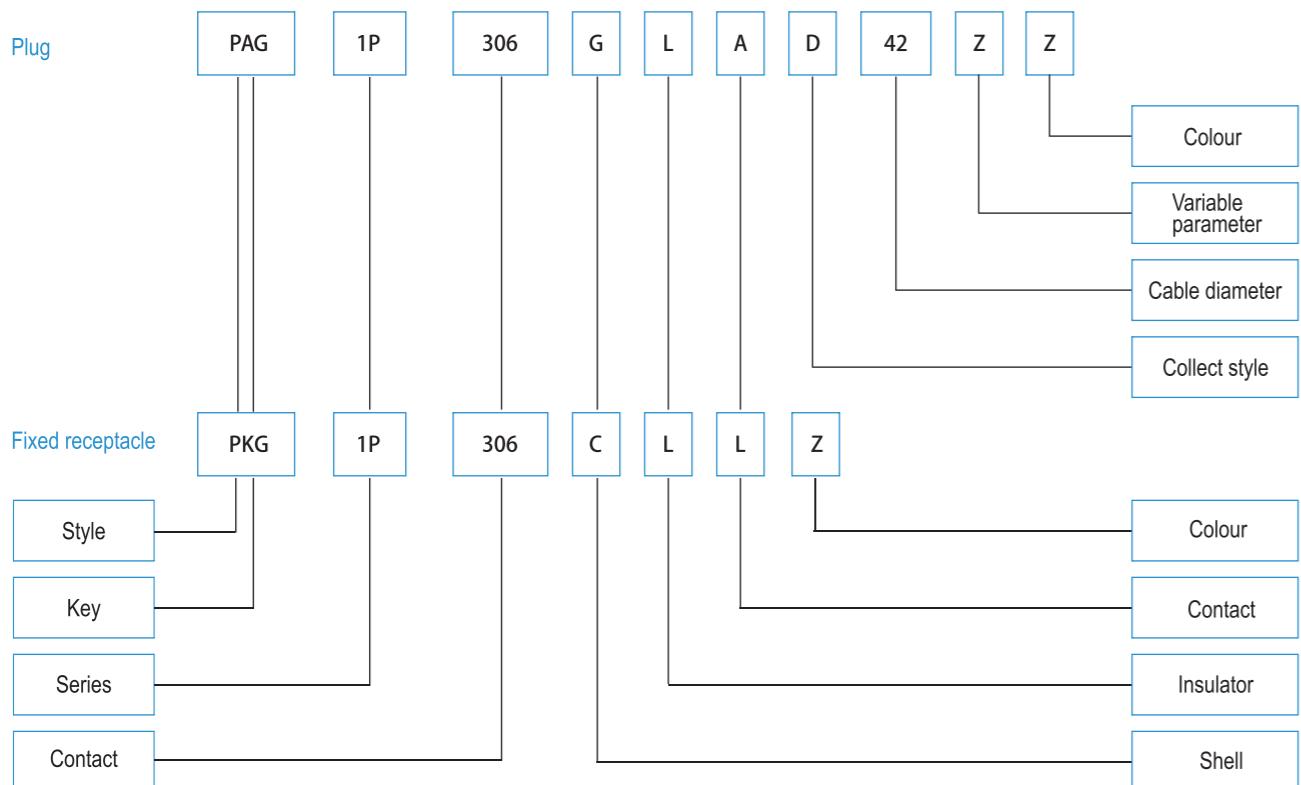


 P-series

P Series connector with the following main features:

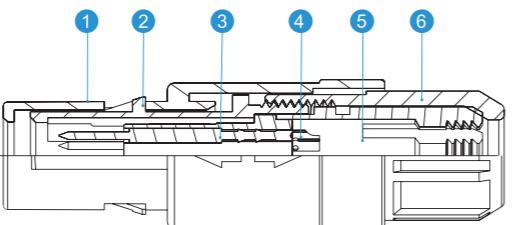
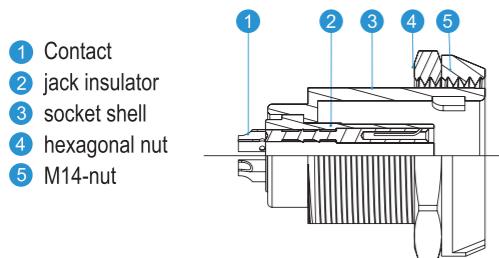
- Smart push-pull self-latching system;
 - Multi-core types 2 to 14 pins;
 - Solder or PCB contacts;
 - High packing density for space saving;
 - Collet nut and socket nut with the same colour to avoid mismatching.
 - Plastic shell, waterproof rating of IP50, double-reed locking, keyway helps to prevent rotation.

P series part numbering example:



Product profile

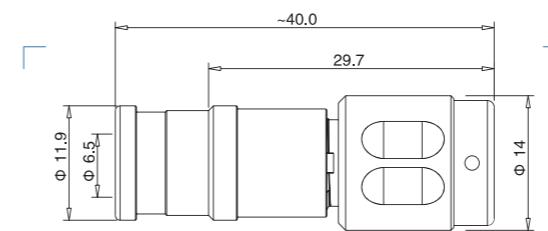
Fixed socket



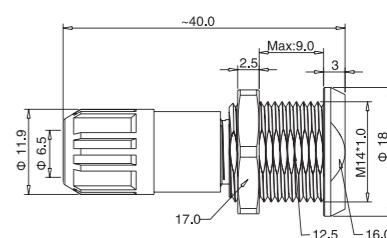
Straight plug



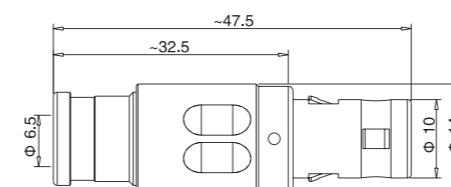
 P-series



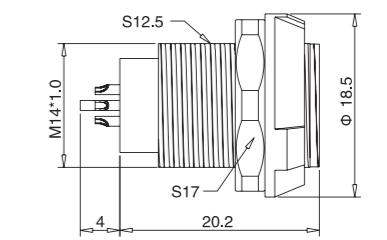
PTG floating receptacle, Aluminium alloy shell.



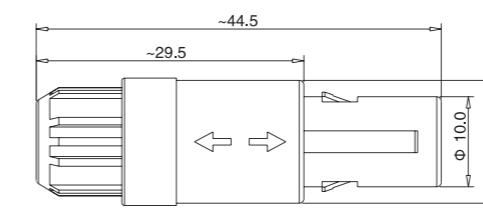
PRG floating receptacle, screw thread fixed,
Aluminium alloy shell.



PLG standard straight plug, Aluminium alloy shell.



Fixed receptacle, fixed inside of case with nut



Standard straight plug, cable collet to fix cable. With inside components to avoid cables moving.

» P-series

Key

Key of plug		Diagram			
		0°	40°	60°	80°
Key code		G	A	B	C

Collet

Collet Cable	Cable Diameter
42	3.5-4.5
52	4.5-5.5
62	5.5-6.5

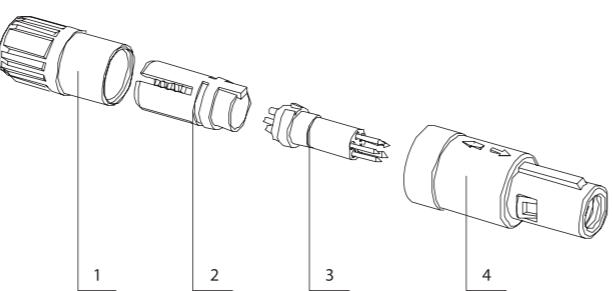


Collet nut colour

Colour	Blue	Gray	Yellow	Black	Red	Green
Code	A	G	J	N	R	V

Plug of P series connector

- Get the cable through the collet nut collet, the solder it to the corresponding position on the insulator subassembly.
- Put the colet onto the soldered insulator subassembly, making sure that the tab of the collet mates with the slot of the insulator subassembly.
- Slide the insulator subassembly into the outer shell, making sure that the tab of the collet mates with the slot of the outer shell.
- Put the colet nut into the outer shell and screw the collet nut tightly.



» Single-core coaxial connectors

Single-core coaxial connectors

Series	serial number	contact style	test voltage	test voltage	rated current	contact diameter	shell size
00S	113	Solder	800V	1200V	8A	1.3mm	based on S series TFA plug and ZRA socket
	250	Solder	2100V	3000V	4A	0.7mm	
0S	116	Solder	1500V	2100V	12A	1.6mm	
	250	Solder	3000V	4200V	6A	0.9mm	
1S	120	Solder	1700V	2400V	18A	2.0mm	
	250	Solder	3000V	4200V	12A	1.6mm	
	275	Solder	2400V	3300V	10A	1.3mm	
1E	250	Solder	3000V	4200V	12A	1.6mm	



gas-line connector

Gas-line connectors manufactured by SREADA are applicable in medical apparatuses, gas and water pipelines, widely used in medical harnesses, monitors, oxygen probes, medical lines and oxygen equipment. Gas-line connectors are convenient and push together with good sealing from Viton seals.

Main Technical Specifications:

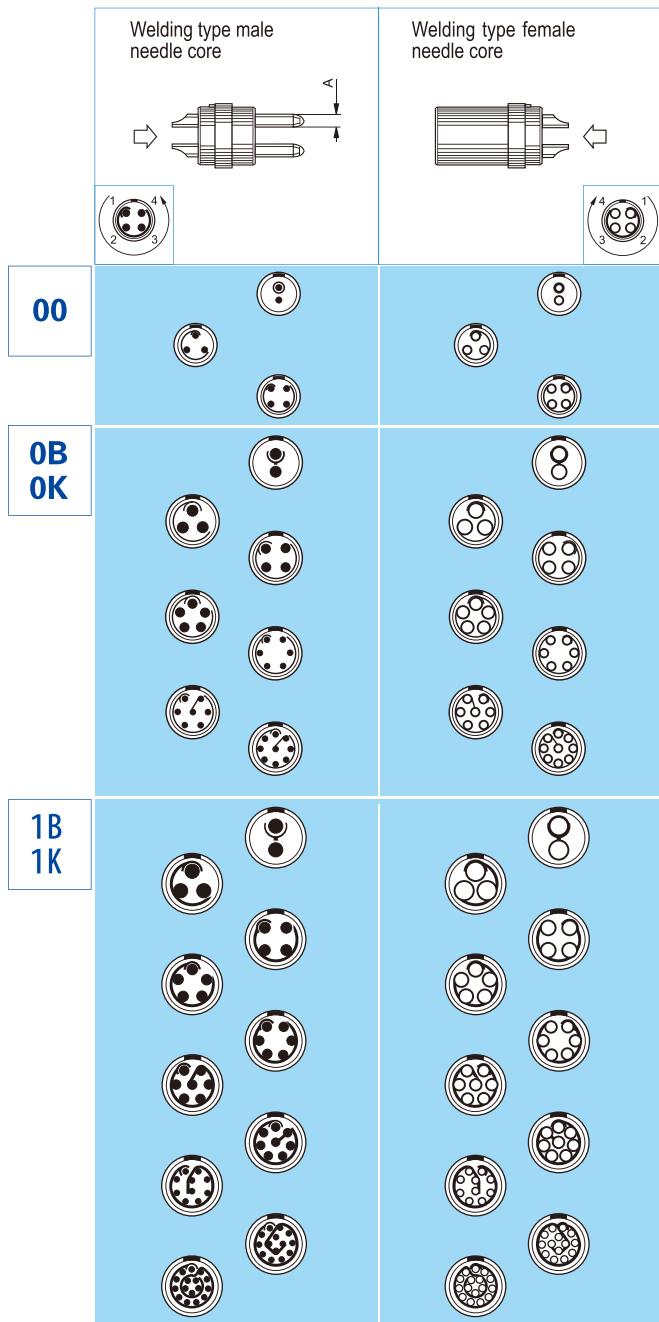
Working temperature: -30°C to +60°C

Leakage rating: At a pressure difference of 400mmHg, less than 4mmHg/min (0.5Kpa/min)

Medical lifespan: >1000 (connected and separated)

serial number	designation	diagram	outline size	The structure principle	remarks
1	QL-01			Card slot locking, O ring seal	And QL-02
2	QL-02			Card slot locking, O ring seal	And QL-02

>> Multipole



- conventional model, considered first choice; special model, with special need to choice.
- Special type, choose to have special needs.

NO.	pin number	ΦA (mm)	Contact style		welding pin core	V test pin core - outer shell	Rated current(A)	
			welding pin core	PCB with elbow pin core				
302	2	0.5	●	●	●	1.00	0.95	5.0
303	3	0.5	●	●	●	0.80	0.95	3.0
304	4	0.5	●	●	●	0.80	0.65	2.0
302	2	0.9	●	●	●	1.30	1.05	10.0 ₁₎
303	3	0.9	●	●	●	1.20	0.90	8.0 ₁₎
304	4	0.7	●	●	●	0.85	0.70	7.0 ₁₎
305	5	0.7	●	●	●	1.00	0.70	6.5 ₁₎
306	6	0.5	●	●	●	0.85	0.65	2.5
307	7	0.5	●	●	●	0.80	0.70	2.5
309	9	0.5	●	●	○	0.60	0.50	2.0
302	2	1.3	●	●	●	1.50	1.35	15.0 ₂₎
303	3	1.3	●	●	●	1.30	1.55	12.0
304	4	0.9	●	●	●	1.35	1.45	10.0 ₁₎
305	5	0.9	●	●	●	1.25	1.15	9.0 ₁₎
306	6	0.7	●	●	●	1.05	1.20	7.0 ₁₎
307	7	0.7	●	●	●	0.95	1.05	7.0 ₁₎
308	8	0.7	●	●	●	0.95	1.15	5.0
310	10	0.5	●	●	●	0.90	1.50	2.5
314	14	0.5	●	●	●	0.80	1.20	2.0
316	16	0.5	●	●	○	0.80	1.25	1.5

1.socket with elbow(90 degree) printed circuit pin, rated current 6A.

2.socket with elbow(90 degree) printed circuit pin, rated current 12A.

3.only applied to connectors with male pin.

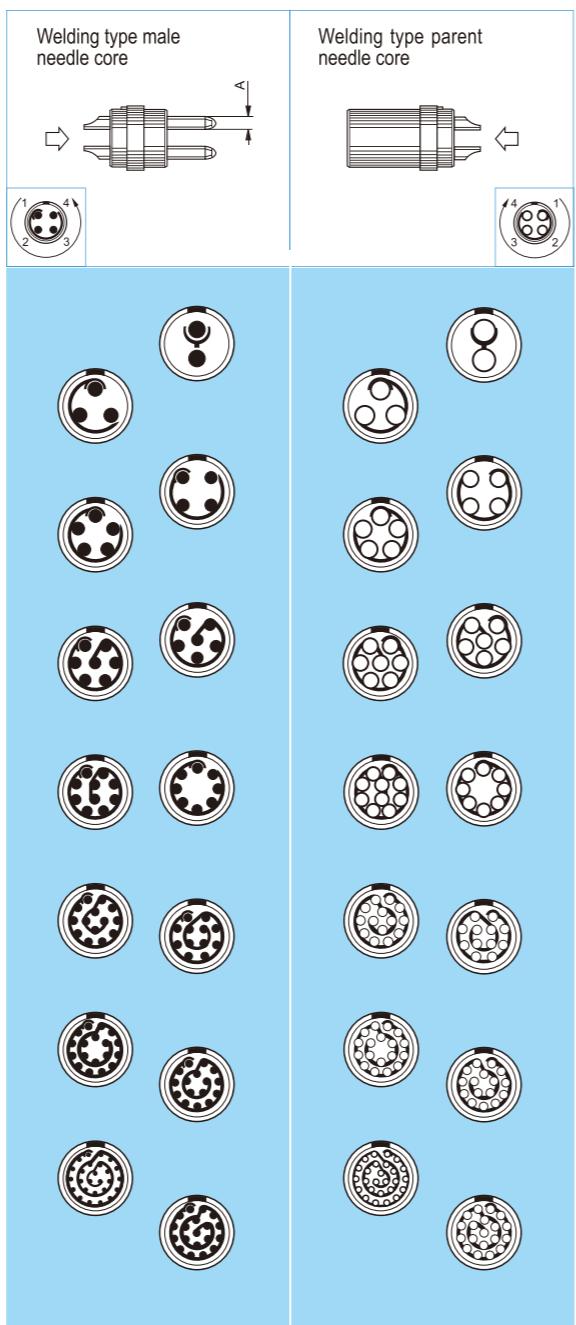
>> Multipole

NO.	pin number	ΦA (mm)	Contact style		welding pin core		V _{test} pin core—outer shell	Rated current(A)
			welding pin core	PCB with straight pin core	PCB with elbow pin core	V _{test} pin core—pin core		
302	2	2.0	●	●	●	2.10	1.75	30.0 ₂
303	3	1.6	●	●	●	2.40	1.85	17.0 ₂
304	4	1.3	●	●	●	1.85	1.85	15.0 ₂
305	5	1.3	●	●	●	1.75	1.60	14.0 ₂
306	6	1.3	●	●	●	1.35	1.45	12.0
307	7	1.3	●	●	●	1.75	1.60	11.0
308	8	0.9	●	●	●	15.0	1.25	10.0 ₁
310	10	0.9	●	●	●	1.45	1.30	8.0 ₁₁
312	12	0.7	●	●	●	1.25	1.35	7.0 ₁₁
314	14	0.7	●	●	●	1.15	1.35	6.5 ₁₁
316	16	0.7	●	●	●	0.95	1.25	6.0
318	18	0.7	●	●	●	0.85	1.20	5.5
319	19	0.7	●	●	●	0.95	1.25	5.0
326	26	0.5	●	●	○	0.95	1.30	2.0

1.socket with elbow(90 degree) printed circuit pin, rated current 6A.

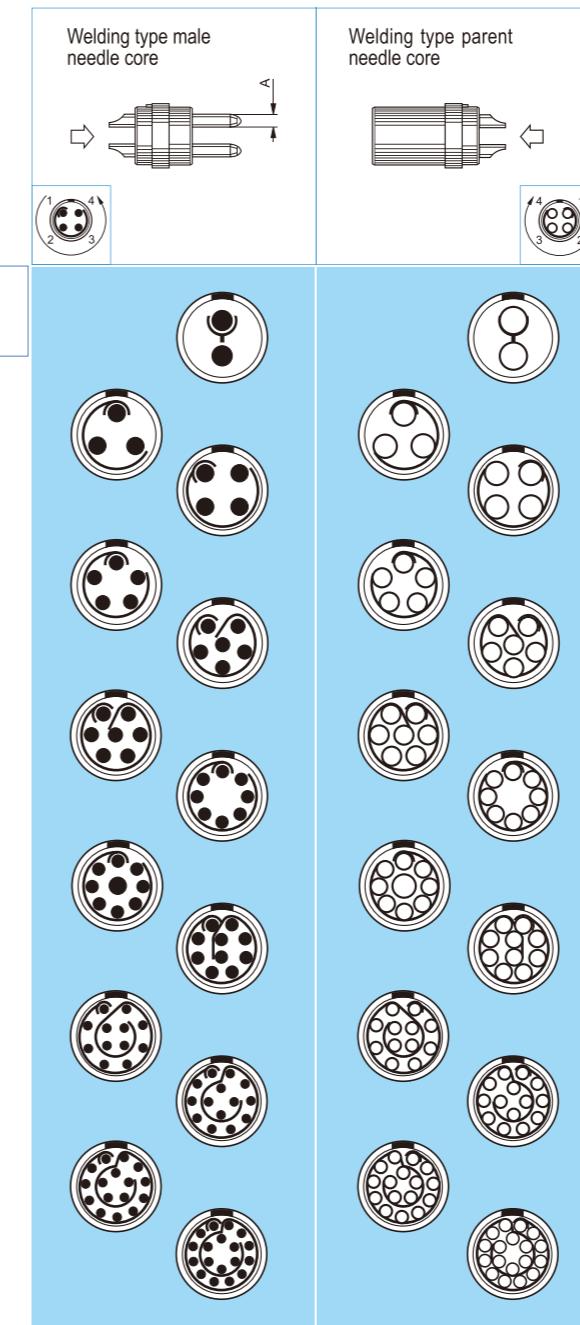
2.socket with elbow(90 degree) printed circuit pin, rated current 12A.

3.only applied to connectors with male pin.



● conventional model, considered first choice; special model, with special need to choose.

○ Special type, choose to have special needs.

>> Multipole


● conventional model, considered first choice; special model, with special need to choose.

○ Special type, choose to have special needs.

NO.	pin number	ΦA (mm)	Contact style		welding pin core		Rated current(A)	
			welding pin core	PCB with straight pin core	PCB with elbow pin core	V _{test} pin core—pin core		
302	2	3.0	●	○	—	2.10	1.55	35.0
303	3	2.0	●	●	○	1.90	1.50	25.0
304	4	2.0	●	●	○	1.45	1.25	19.0
305	5	1.6	●	●	○	1.90	1.25	19.0
306	6	1.6	●	●	○	1.60	1.15	8.0 ₁₁
307	7	1.6	●	●	○	1.70	1.25	15.0
308	8	1.3	●	●	●	1.65	1.15	13.0
309	9	1.3	●	●	—	1.35	1.05	6.0
310	10	2.0	●	●	○	1.35	1.05	15.0
312	12	1.3	●	●	●	1.25	0.90	12.0
314	14	0.9	●	●	●	1.45	1.00	9.0
316	16	0.9	●	●	●	1.20	1.20	9.0 ₁₁
318	18	0.9	●	●	●	1.20	0.85	8.0

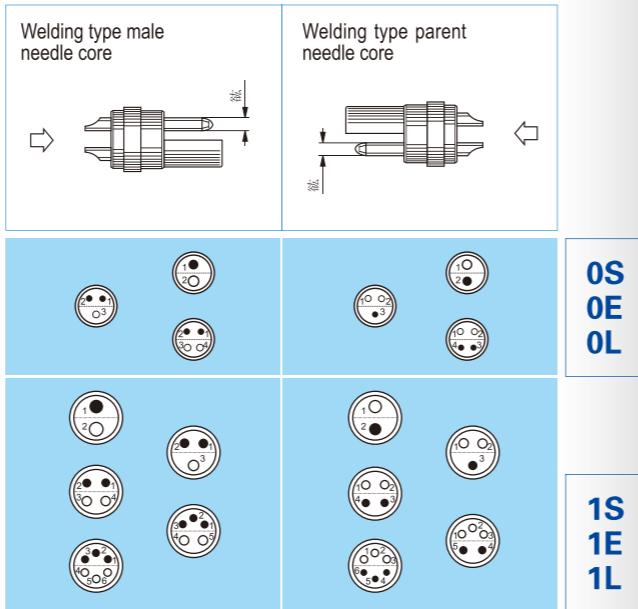
1.socket with elbow(90 degree) printed circuit pin, rated current 6A.

2.socket with elbow(90 degree) printed circuit pin, rated current 12A.

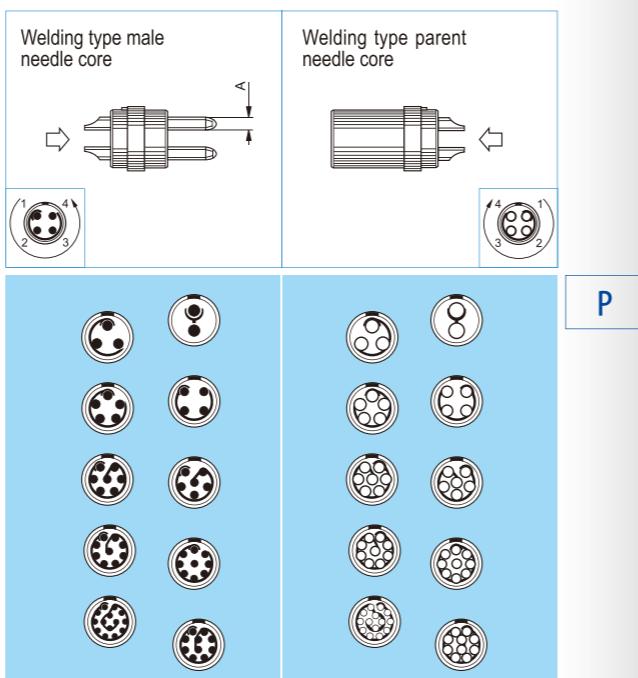
3.only applied to connectors with male pin.

>> Multipole

No.	series		pin core number	ΦA (mm)	pin core style		V _{test} (kV rms)	Rated current(A)
	Standard series	Waterproof series			PCB with elbow pin core	PCB with straight pin core		
					welding pin core	welding pin core		
302	0S	0E	2	0.9	●	●	●	1.5 2.1 10
303	0S	0E	3	0.7	●	●	●	1.0 1.5 7
304	0S	0E	4	0.7	●	●	●	1.0 1.5 7
302	1S	1E	2	1.3	●	●	●	1.2 1.8 15
303	1S	1E	3	0.9	●	●	●	1.2 1.8 10
304	1S	1E	4	0.9	●	●	●	1.2 1.8 10
305	1S	1E	2	0.9	●	●	●	1.5 2.1 10
306	1S	1E	3	0.7	●	●	●	1.5 2.1 7
			6	0.7	●	●	●	1.5 2.1 7

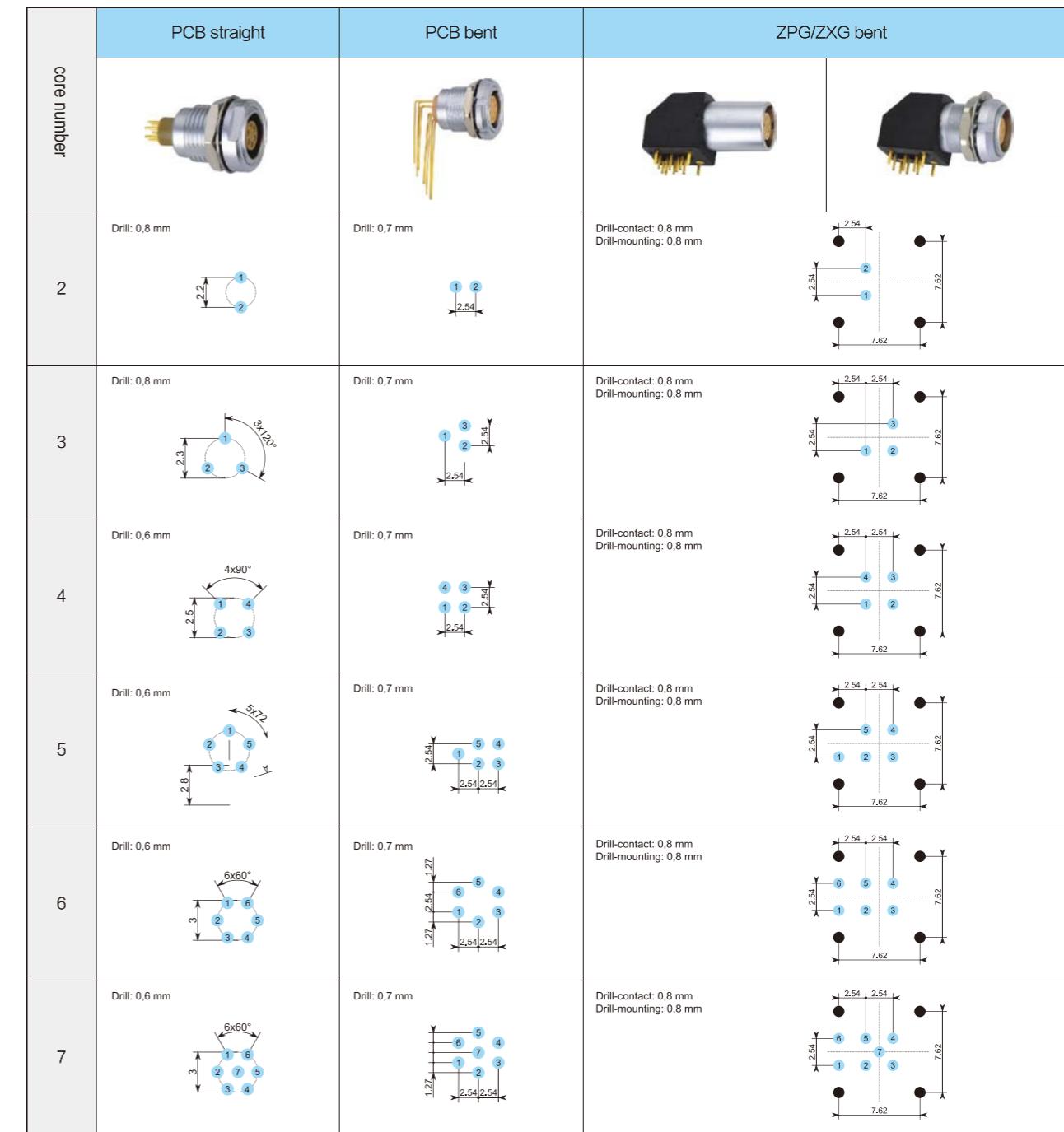

**OS
OE
OL**
**1S
1E
1L**

No.	pin core number	ΦA (mm)	pin core style		welding pin core	V _{test} (kV rms)	Rated current(A)
			PCB with elbow pin core	PCB with straight pin core			
			welding pin core	welding pin core			
302	2	1.3	●	●	●	1.20	1.30 10.0
303	3	1.3	●	●	●	1.20	1.20 10.0
304	4	0.9	●	●	●	1.20	1.20 8.0
305	5	0.9	●	●	●	1.05	0.80 7.0
306	6	0.7	●	●	●	1.05	0.85 6.01
307	7	0.7	●	●	●	1.05	0.85 5.0
308	8	0.7	●	●	●	1.05	0.60 5.0
309	9	0.5	●	●	●	0.85	0.60 3.0
310	10	0.5	●	●	●	0.85	0.45 3.0
312	14	0.5	●	●	●	0.60	0.50 2.0


P

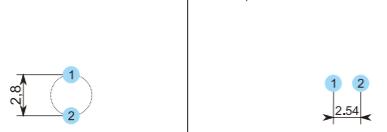
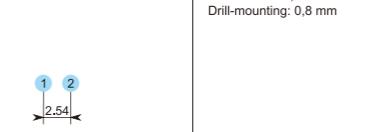
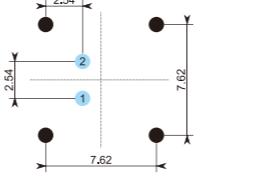
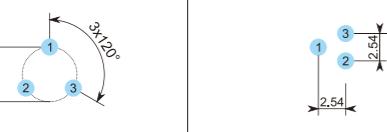
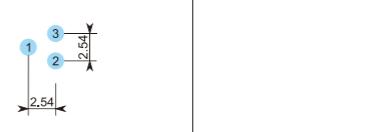
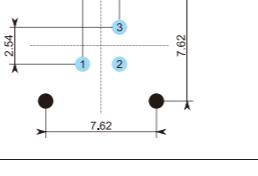
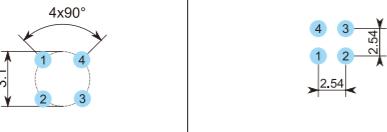
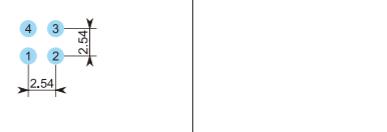
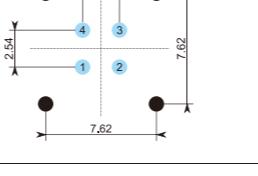
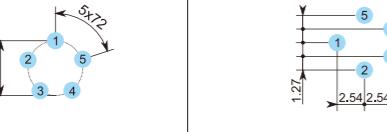
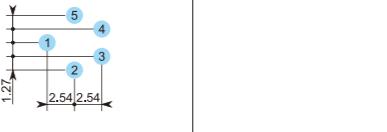
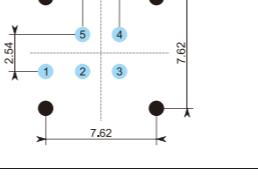
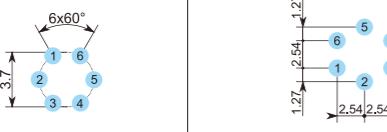
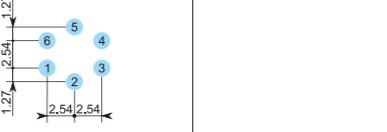
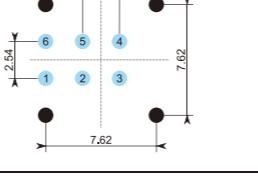
- 1.socket with elbow(90 degree) printed circuit pin, rated current 6A.
2.socket with elbow(90 degree) printed circuit pin, rated current 12A.
3.only applied to connectors with male pin.

- conventional model, considered first choice; special model, with special need to choose.
- Special type, choose to have special needs.

>> PCB drilling pattern
ONo.PCB board drilling figure


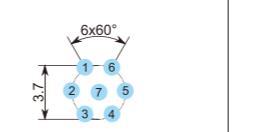
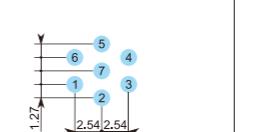
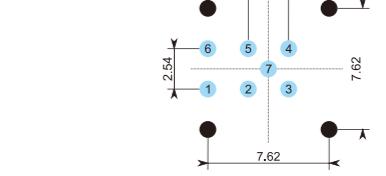
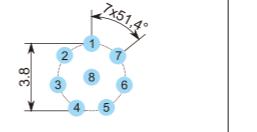
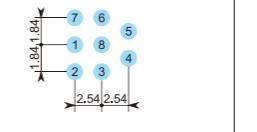
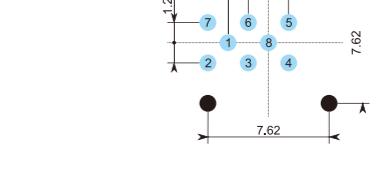
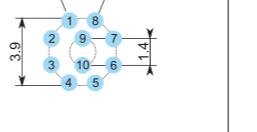
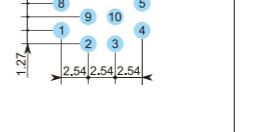
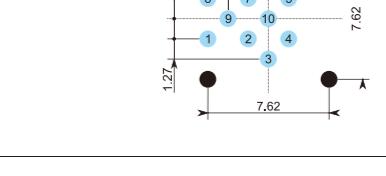
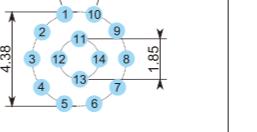
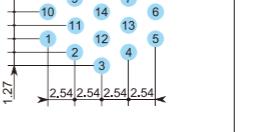
» PCB drilling pattern

1No.PCB board drilling figure

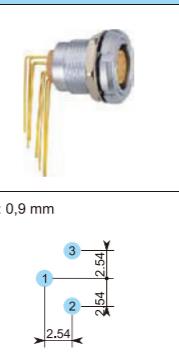
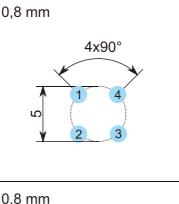
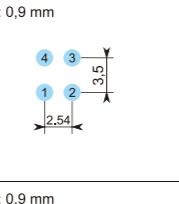
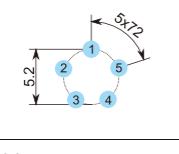
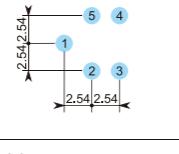
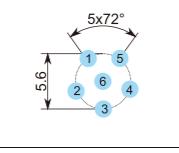
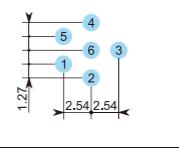
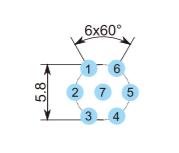
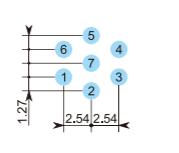
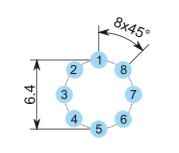
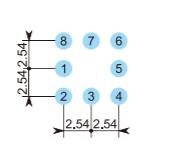
PINS	PCB straight	PCB bent	ZPG/ZXG bent
2	Drill: 0,8 mm 	Drill: 0,9 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
3	Drill: 0,8 mm 	Drill: 0,9 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
4	Drill: 0,6 mm 	Drill: 0,7 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
5	Drill: 0,8 mm 	Drill: 0,7 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
6	Drill: 0,6 mm 	Drill: 0,7 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 

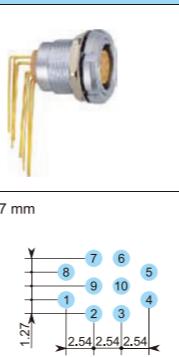
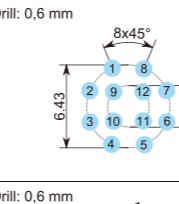
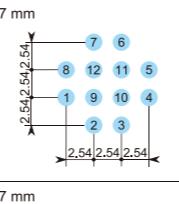
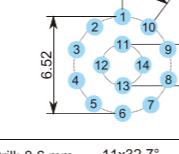
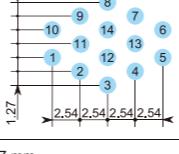
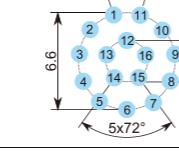
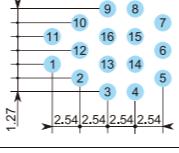
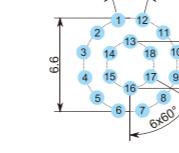
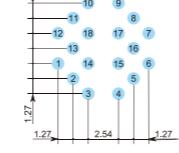
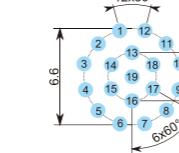
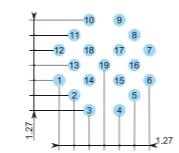
» PCB drilling pattern

1No.PCB board drilling figure

PINS	PCB straight	PCB bent	GF/GG PCB bent
7	Drill: 0,6 mm 	Drill: 0,7 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
8	Drill: 0,6 mm 	Drill: 0,7 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
10	Drill: 0,6 mm 	Drill: 0,7 mm 	Drill-contact: 0,8 mm Drill-mounting: 0,8 mm 
14	Drill: 0,6 mm 	Drill: 0,7 mm 	

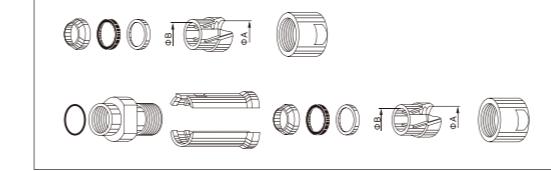
>> PCB drilling pattern
2 No.PCB board drilling figure

Core number	PCB straight	PCB bent
3	Drill: 0,8 mm Bohrung: 0,8mm 	Drill: 0,9 mm 
4	Drill: 0,8 mm 	Drill: 0,9 mm 
5	Drill: 0,8 mm 	Drill: 0,9 mm 
6	Drill: 0,8 mm 	Drill: 0,9 mm 
7	Drill: 0,8 mm 	Drill: 0,9 mm 
8	Drill: 0,8 mm 	Drill: 0,9 mm 

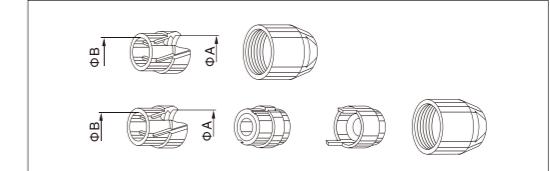
Core number	PCB straight	PCB bent
10	Drill: 0,8 mm  8x45°	Drill: 0,7 mm  1.27
12	Drill: 0,6 mm  8x45°	Drill: 0,7 mm  1.27
14	Drill: 0,6 mm  70x30°	Drill: 0,7 mm  1.27
16	Drill: 0,6 mm  11x32,7°	Drill: 0,7 mm  1.27
18	Drill: 0,6 mm  12x30°	Drill: 0,7 mm  1.27
19	Drill: 0,6 mm  8x45°	Drill: 0,7 mm  1.27

>> Collet
C-type and K-type collets for K

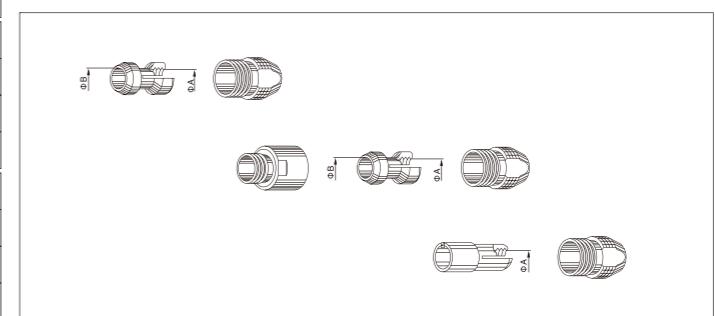
No. type coding	cable clamp		electric cable	
	ΦA	ΦB	maximum	minimum
OK C 30	3.1	-	3.0	2.6
OK C 40	4.2	4.2	4.0	3.6
OK C 45	5.2	5.2	4.5	4.1
OK C 50	5.2	5.2	5.0	4.6
1K C 45	5.2	-	4.5	4.1
1K C 50	5.2	-	5.0	4.6
1K C 55	6.2	6.2	5.5	5.1
1K C 60	6.2	6.2	6.0	5.6
1K K 70	7.2	-	7.0	6.6
2K C 65	7.2	-	6.5	6.1
2K C 70	7.2	-	7.0	6.6
2K C 75	-	-	7.1	1.5
2K C 80	-	-	8.0	7.6
2K C 85	9.2	8.6	8.5	8.1
2K K 11	11.2	10.6	10.5	10.1


B-type and D-type collets for M

No. type coding	cable clamp		electric cable	
	ΦA	ΦB	maximum	minimum
00 D 27	2.7	-	2.6	2.1
0B D 32	3.2	-	3.0	2.1
1B D 42	4.2	-	4.0	3.1
1B D 52	5.2	4.7	5.0	4.1
2B M 31	3.1	-	3.0	2.6
2B D 42	4.2	-	4.0	3.1
2B D 52	5.2	-	5.0	4.1
2B D 62	6.2	-	6.0	5.1
2B D 72	7.2	6.7	7.0	6.1
2B D 82	8.2	-	8.0	7.1
2B D 92	9.2	8.6	9.0	8.1
2B D 99	9.9	8.6	9.7	9.1


C-type and K-type collets for B

No. type coding	cable clamp		electric cable	
	ΦA	ΦB	maximum	minimum
00 C 27	2.7	-	2.6	2.2
0S K 37	3.7	-	3.6	3.0
0S C 27	2.7	-	2.6	2.2
0S C 32	3.2	-	3.1	2.7
0S C 42	4.2	3.7	4.1	3.3
0S K 47	4.7	-	4.6	3.8
1S C 32	3.2	-	3.1	2.6
1S C 42	4.2	-	4.1	3.3
1S C 47	4.7	-	4.6	3.8
1S C 52	5.2	-	5.1	4.3



» Accessories(plug cap)

Dust-proof cover

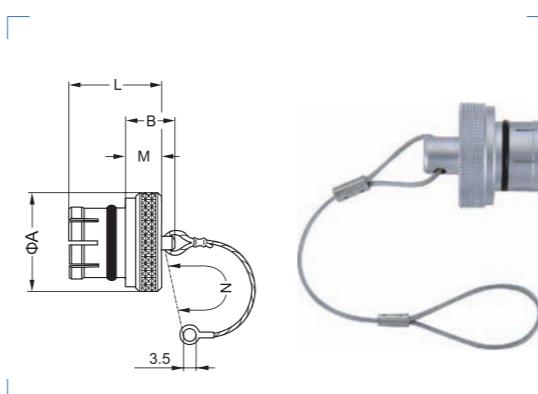
Style of BRK, B, K series

Housing Material: Brass plated lanyard material: Stainless steel

O-ring sealed: Silastic nickel Temp (max): 135°C

IP Rating: 50

Product number	series	size (mm)				
		A	B	L	M	N
BRE.0S.200.NAS	0S-0B	10	9.5	10.5	4.5	85
BRE.1S.200.NAS	1S-1B	14	11.0	12.5	5.0	85
BRE.2S.200.NAS	2S-2B	18	12.0	14.0	6.0	85



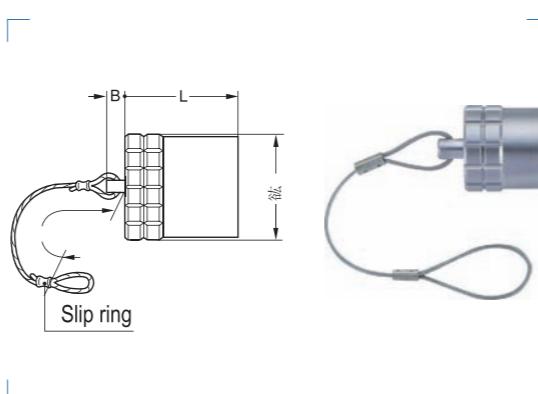
Style of BFG K series plug, with located pin

Housing Material: Brass plated lanyard material: Stainless steel

O-ring sealed: Silastic nickel Temp (max): 135°C

IP Rating: 65 — 68

Product number	series	size (mm)				
		A	B	L	M	N
BFG.0K.100.NAS	0K	14.0	6	12.5	85	
BFG.1K.100.NAS	1K	16.0	6	15.5	85	
BFG.2K.100.NAS	2K	19.5	6	17.5	85	



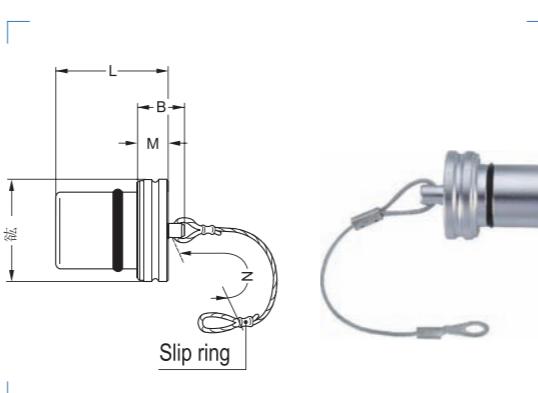
Style of BRF K series plug

Housing Material: Brass plated lanyard material: Stainless steel

O-ring sealed: Silastic nickel Temp (max): 135°C

IP Rating: 50

Product number	series	size (mm)				
		A	B	L	M	N
BRF.0K.200.NAS	0K	15.0	10	15.0	4	85
BRF.1K.200.NAS	1K	17.0	12	20.0	6	85
BRF.2K.200.NAS	2K	20.5	14	24.0	8	85



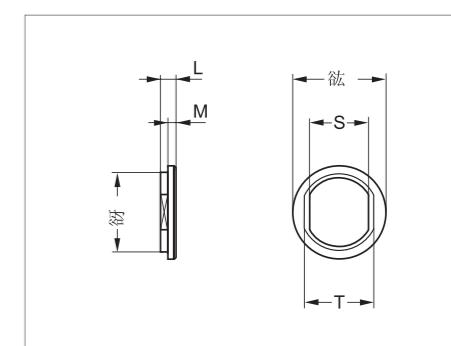
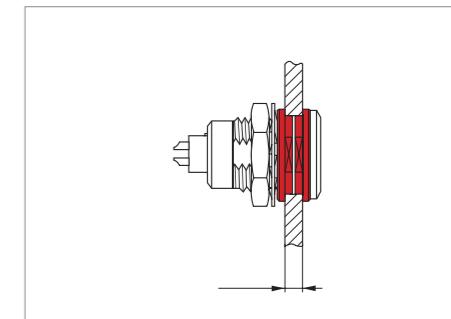
» Accessories(panel washers)

GRA insulating washers (color wheel)

Plug and socket attached on board, can install insulating washer.



No.	color	No.	color
A	blue	N	black
B	white	R	red
G	gray	S	orange
J	yellow	V	green
M	brown		



Product number	series	size (mm)						
		A	B	E	L	M	S	T
GRA.OO.269.GG	0O	10.0	8.8	4.5	1.8	1.0	6.4	8.0
GRA.OB.269.GG	0S-0B	12.0	10.8	6.0	1.8	1.0	8.3	9.9
GRA.1B.269.GG	1S-1B	16.0	13.8	6.5	1.8	1.0	10.6	12.2
GRA.2B.269.GG	2S-2B	21.1	17.9	7.3	2.3	1.3	13.6	16.2

» Accessories (Jacket)

Jacket

GM Jacket (Polyurethane)

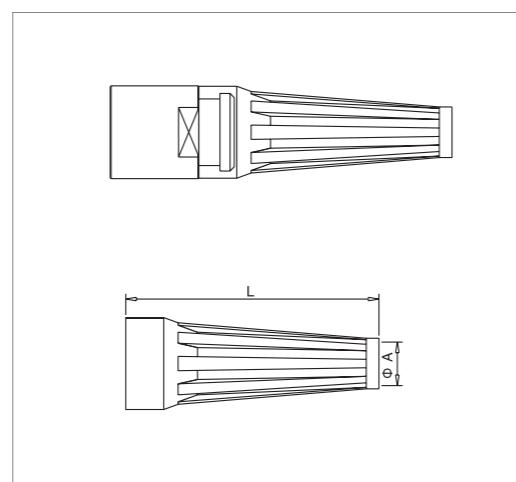
Jacket is made of Polyurethane material, English abbreviation is PU.

Containing strong level of ammonia Allophanate group, PU doesn't integrate into non-level groups. It has good oil resistance, toughness, resistance to abrasion, resistance to aging and stickiness. Since the Jacket plays a role protecting the cable, it can be installed on the plugs and sockets of our products.

In dry air environment temperature range: -40 ° C + 80 ° C



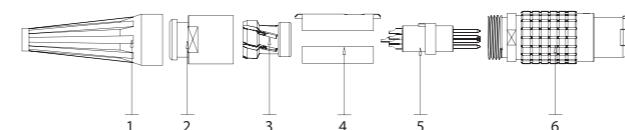
series	Product number	size (mm)			
		sheath		Cable diameter	
		A	L	max.	Min
OO	GMA.OO.028.DG	2.8	22	3.1	2.8
OB OS	GMA.0B.030.DG	3.0	24	3.4	3.0
	GMA.0B.040.DG	4.0	24	4.4	4.0
	GMA.0B.045.DG	4.5	24	5.2	4.5
	GMA.0B.052.DG	5.2	24	5.6	4.5
	GMA.1B.040.DG	4.0	30	4.4	4.0
1B 1S	GMA.1B.045.DG	4.5	30	4.9	4.5
	GMA.1B.054.DG	5.4	30	6.0	5.4
	GMA.1B.065.DG	6.5	30	7.0	6.5
	GMA.2B.050.DG	5.0	36	5.5	5.0
2B	GMA.2B.060.DG	6.0	36	6.5	6.0
	GMA.2B.070.DG	7.0	36	7.7	7.0
	GMA.2B.080.DG	7.8	36	8.8	7.8
	GMA.2B.085.DG	8.5	36	9.2	8.2



number	colour	number	colour
A	blue	N	black
B	white	R	red
G	gray	S	orange
J	yellow	V	green
M	brown		

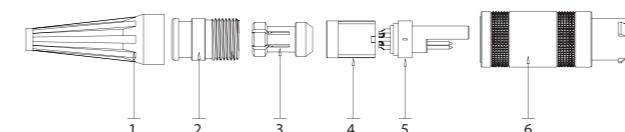
» Plug assembly drawing

Plug of B series connectors



- Get the cable through sleeve ① collet nut ② and collet ③ in order, then solder it into the insulator ⑤.
- Put the split insert carrier ④ onto the soldered insulator subassembly ⑤, ensure that the slot of split insert carrier ④ mates with the tab of insulator subassembly ⑤ .
- Put the collet ③ on the right position of cable, make sure the tab of collet ③ mate with the slot of split insert carrier ④ .
- Push the insulator subassembly ⑤ split insert carrier ④ collet ③ into the outer shell in order, make sure the tab of split insert carrier ④ mate with the slot of outer shell ⑥ .
- Screw the collet nut ② into the outer shell ⑥ tightly.
- Hitch the sleeve ① onto the corresponding step of collet nut ② .

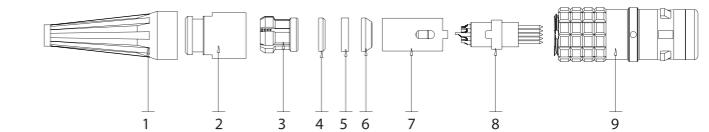
Plug of S series connector



- Get the cable through collet nut ① collet ② and split insert carrier ③ in order, then solder it to the insulator subassembly ④ orderly.
- Slide the split insert carrier ③ to the insulator subassembly ④ , make sure the heave of split insert carrier ③ mate with the slot of insulator subassembly ④ , then push collet ② to the right position of cable.
- Push the assembled collet ② split insert carrier ③ and insulator subassembly ④ into the outer shell ⑤ .
- Screw collet nut ① into the outer shell ⑤ tightly.

Plug of K series connector

- Get the cable through sleeve ① collet nut ② collet ③ flexible gasket ④ and earthing cone ⑤ in order, then solder it to the corresponding contacts of insulator subassembly ⑦ .
- Put the split insert carrier ⑥ onto the insulator subassembly ⑦ , make sure the heave of split insert carrier ⑥ mate with the slot of insulator subassembly ⑦ , then push the earthing cone ⑤ flexible gasket ④ collet ③ to the right position, assure the full sheath of cable insert the earthing cone ⑤ .
- Slide the assembled insulator subassembly ⑦ into the outer shell ⑧ , make sure the slot of split insert carrier ⑥ mate with the heave of outer shell ⑧ .
- Screw the collet nut ② to the outer shell ⑧ tightly.
- Put the sleeve ① to the collet nut ② .

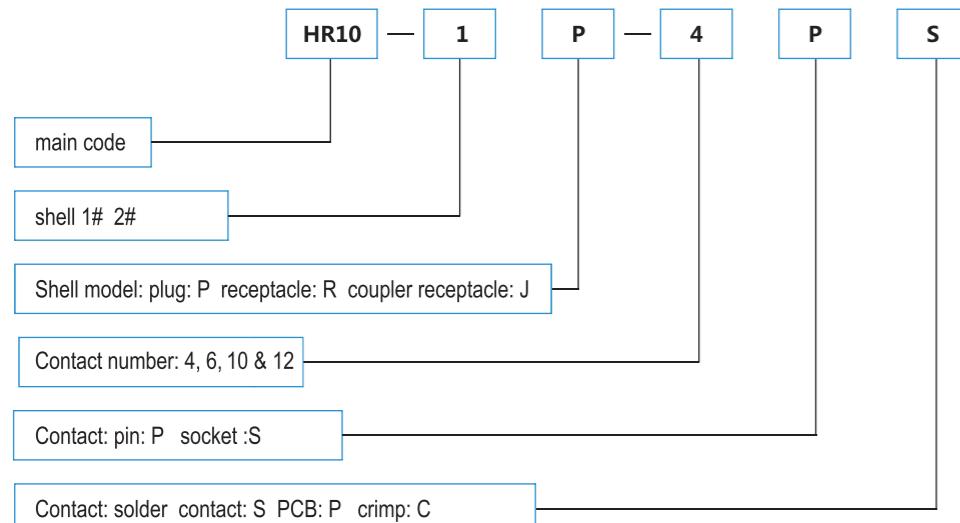


» SRD-002 series

SRD-002 miniature push-pull, self-latching connectors are widely used in electronics, instrumentation, video processing, medical equipment etc. Product features:

- Push-pull self-latching connection to connect easily and separate quickly.
(Non-slip shell surface design, self latching into place with audible click.)
- Compact self-latching mechanism to ensure a solid and reliable connection.
- Five keys with a clearly identifiable design
- Compact design miniaturisation. (Effective space-saving for devices)

002 series part numbering rules:



Part numbering example:

HR10-1P-4PS = Main model HR10, 1# shell plug, 4 pin solder contact pin.

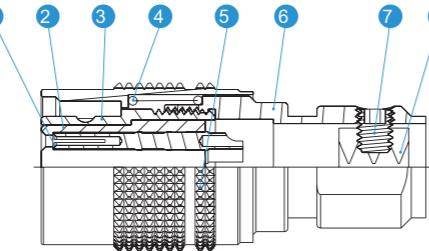
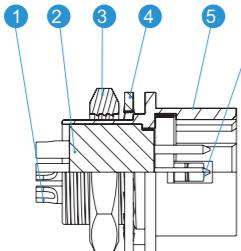
HR10-1R-4PS = Main model HR10, 1# shell fixed receptacle, 4 pin solder contact pin.

HR10-1J-4SS = Main model HR10, 1# shell coupler receptacle, 4 pin solder contact socket.

Product profile

Fixed socket

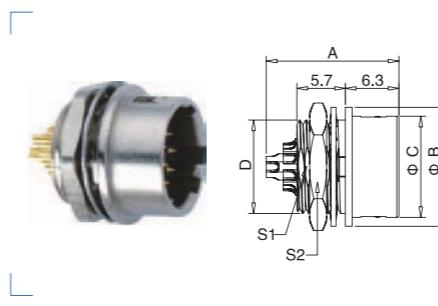
- 1 pin
- 2 insulator
- 3 hexagonal nut
- 4 locking washer
- 5 outer shell
- 6 locking splinter



Straight plug

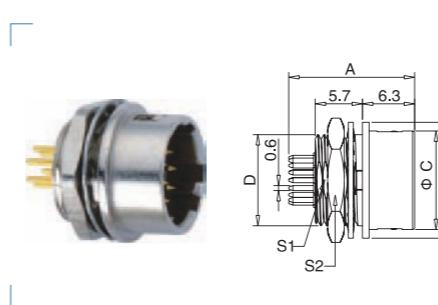
- 1 Jack
- 2 insulator
- 3 inner shell
- 4 pressuring spring
- 5 locking cover
- 6 cable set 7
- 7 headless screw
- 8 U-clip

» SRD-002 series



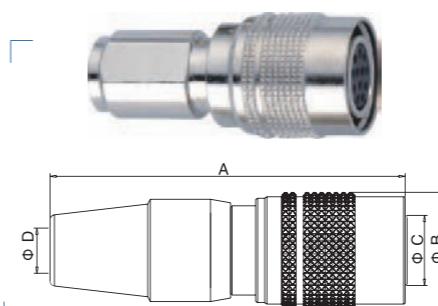
HR10 series welding socket

Shell No.	A	B	C	D	S1	S2
1#	14	11	8.8	M8*0.5	7.2	10
2#	15.6	14	10.9	M11*0.75	10	13



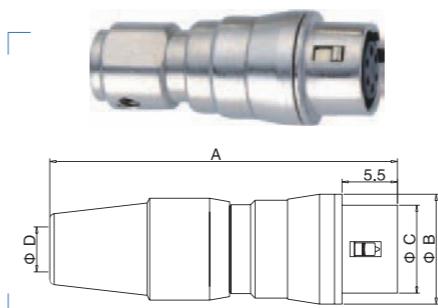
HR10 series plate socket

Shell No.	A	B	C	D	S1	S2
1#	15.5	11	8.85	M8*0.5	7.2	10
2#	15.5	14	11.9	M11*0.75	10	13



HR10 series plug

Shell No.	A	B	C	D
1#	35	11	8.8	6
2#	43	14	10.9	8



HR10 series float socket

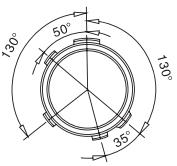
Shell No.	A	B	C	D
1#	35	11.5	75	6
2#	43	14.5	9.5	8

» **SRD-002 series**

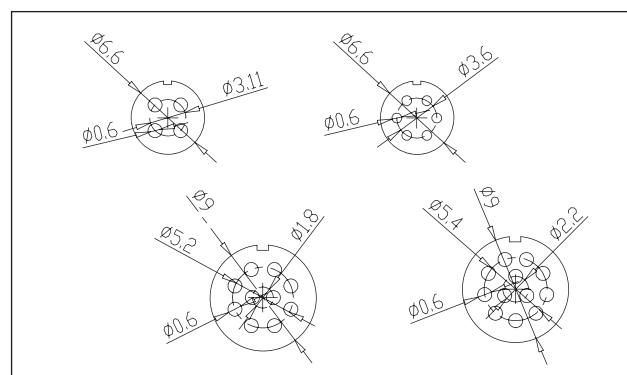
Technical Characteristics

#	Characteristics	Insulator holes alignment			
		shell 1		shell 2	
					
1	Diameter of contact (mm)			0.5	
2	Contact resistance mΩ			10	
3	Working voltage KV/DC			0.3	
	Working voltage KV/AC			0.2	
4	Test voltage KV/DC			0.9	
	Test voltage KV/AC			0.5	
5	Working current A			2	
6	Working Temperature			-500°C~125°C	
7	Endurance			1000	

Alignment Key

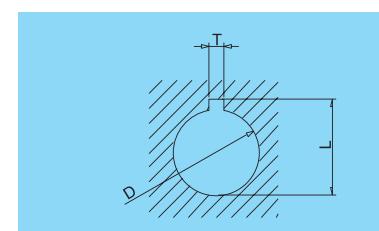
(Front view of plug) Key	
Plug contact way	female/female
Receptacle contact way	male/male
Contact No.	4、6、10、12

Dimension of contact PCB



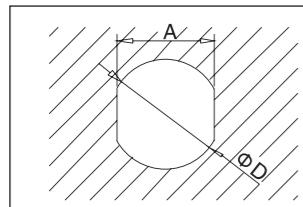
Fixed panel holes dimensions

Shell No.	D	T	L	B
1	8.0	1.6	9.0	7.3
2	11.1	2.5	11.5	11.3



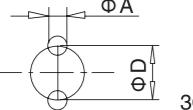
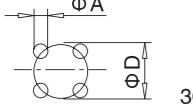
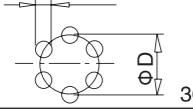
» Cable assembly

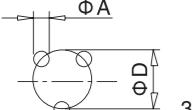
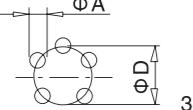
Panel Cut-Outs



	00	0B	1B	2B	3B	0K	1K	2K	0S	1S
A	8.3	10.6	13.6	16.6	12.5	14.6	18.6	8.3	10.6	
D	9.1	12.1	15.1	18.1	14.1	16.1	20.1	9.1	12.1	

PCB Drilling Patterns Fixed straight ZRD receptacle(S series)

Core number	classify	0S	1S
	A	0.8	0.8
	D	2.2	3.0
	A	0.8	0.8
	D	2.8	3.5
	A		0.8
	D		3.5

Core number	classify	0S	1S
	A	0.8	0.8
	D	2.8	3.5
	A		0.8
	D		3.5

» Cable assembly



Application fields

SREADA provides complete cable assembly solutions for demanding applications.

- Medical
- Industry
- Defense Security
- Energy
- Instrumentation
- Broadcast
- Transportation
- Extreme environment

» Inspection and manufacturing equipment



Inspections molding machine



wire stripping machine



Circular plug tester



Vertical type wire stripping machine



Mechanical vibration meter



Thermal Shock Chambers



Image measuring instrument



Temperature and humidity chamber



Limitness Temperature & Humidity

Service system

Sreada has a comprehensive service system including custom design, inventory management, cable assembly, customer service and manufacturing. To provide high quality service for our customers, we train every salesperson with the necessary product maintenance knowledge and our Technology Support Department contains a group of professional engineers. Through our Australian distributor, you can contact us at any time.

Custom Design:

While Sreada offers the most extensive product line in the connector industry, we also understand that some application requirements are different. If Sreada doesn't have exactly what you need, we can design and build a connector that meets your exact requirements. Sreada offers custom-engineered solutions through innovative design using state-of-the-art development tools.

These powerful tools allow Sreada to demonstrate product feasibility, including prototyping, in a matter of days or weeks rather than months.

Inventory Management:

In order to be able to offer most of our 50,000 products with short lead times, SREADA uses the following approach to inventory management:

Tier 1: Stock Available in our Factory

Applying industry-standard ABC safety stock techniques, the factory stocks components and subcomponents for the most common connectors.

Tier 2: Stock available in our subsidiaries

Subsidiaries located in different areas maintain their own inventory optimised for the region-specific needs. In addition, subsidiaries offer Special Sales Agreements to stock bonded inventory per customer requirements.

Tier 3: Authorised Distributors

In countries and regions where SREADA utilises distributors their inventory is made available.

Cable Assembly

Expand the quality of your solution beyond the SREADA connector with our cable assembly services. Our skilled technicians build and test assemblies to your specifications. Receive the same high-quality cable assemblies that you've come to expect from SREADA connectors.

Sreada cable assemblies feature:

- Electronic, fibre optic and hybrid connections
- 100% testing of all assemblies
- Small to large volume capacity
- Over mold capabilities

Customer Service:

SREADA's services include technical support, design facilities, customer sales services, extensive stocks, flexible local connector assembly and a cable termination service to provide a complete solution.

The SREADA Fibre Optic Team offers expertise in fibre optic cable assembly. We continue to invest resources in fibre optic systems and assembly and we have unique skills in this area; especially in the termination of hybrid electro-optic connectors.

SREADA aims to achieve industry excellence in design, manufacture and sale of products and services to optimise responsiveness, lead-times, quality and price. SREADA is at the forefront of developments in our key market segments, an example being the globally approved fibre optic camera connection system for HDTV systems.

Manufacturing:

Precision manufacturing is SREADA's core competence. As a highly vertically integrated corporation, SREADA also controls the vast majority of its manufacturing processes from procuring raw materials, through tool making and into production, plating, final assembly and testing.

Total control over these processes allows SREADA to react much more quickly to special or high-volume customers' needs. Each of the manufacturing sites specialises in its own discipline – large volume products, low volume special products, plastic parts, plating and assembly.

The continuous and rigorous application of strict quality standards guarantees the consistent production of high quality connectors that exceed customers' expectations.



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