



Connect to the World

Founded in 1996, Weipu is one of the leading waterproof connector manufacturers in China. We have R&D professionals, up-to-date machinery, a fully equipped in-house testing lab and a customer-focused quality management system in accordance with ISO 9001. Weipu operates in compliance with the highest industry standards with certifications of RoHs, CE, CSA, and UL concerning quality, safety and sustainability.

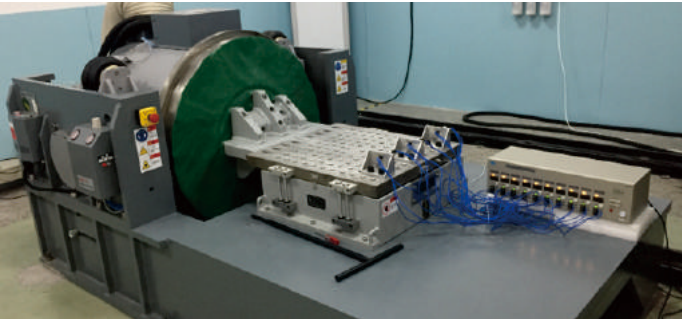
Specialised in circular waterproof connectors, we offer push-pull, threaded and bayonet connectors, ranging from 3A to 400A, 2pin to 61pin, and IP44 to IP68, which can be applied to a wide variety of industrial applications operating in challenging environments.



Workshop building



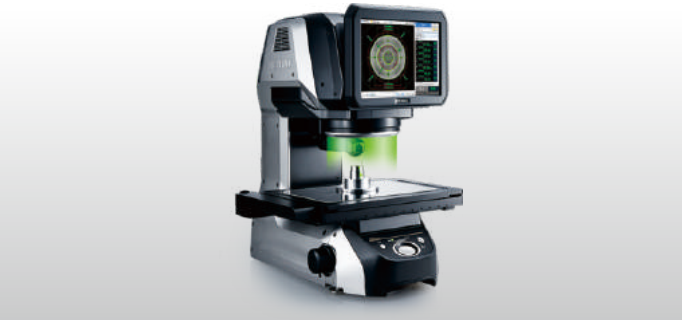
In-house Test Lab Equipment



Vibration Test Equipment



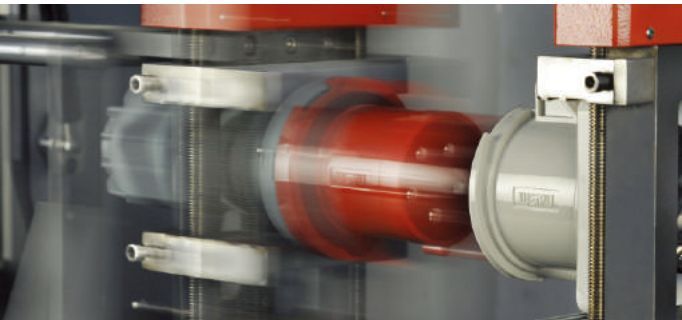
Electric Current Break Test Equipment



Optical Comparator



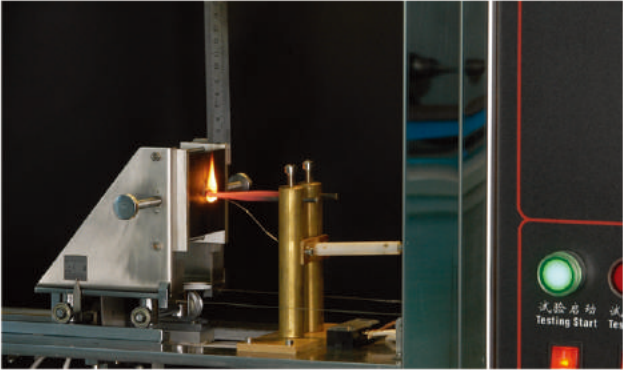
Waterproof IP Rating Test Chamber



Mating Cycle Life Time Test Machine



Accurate Size Test Equipment

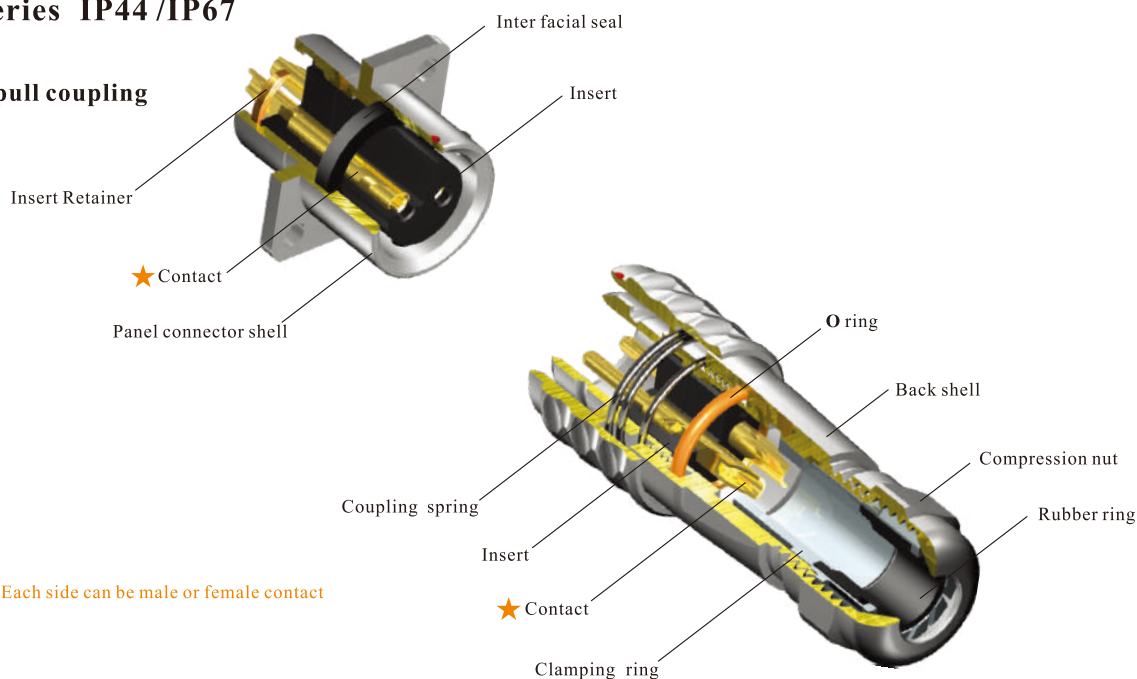


IP67



● SF Series IP44 /IP67

● Push-pull coupling



Material and spec

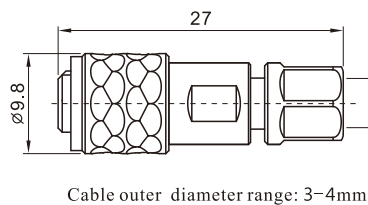
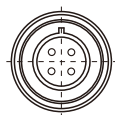
Coupling	Push-pull
Shell material	Brass with chrome plating
Insert material	PPS max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SF6, SF8, SF10, SF12, SF16, SF20 Crimp: SF16, SF20 Screw: SF20 (Ø2.5mm contact)
Cable outer diameter range	SF6: 3-4mm SF8: 4-5mm SF10: 4-6.5mm SF12: I: 4-6.5mm, II: 5-8mm SF16 I: 5-8mm, II: 8-12mm SF20 I: 8-12mm
IP rating	SF6, SF8: IP44 / IP67 SF6B, SF8B, SF10, SF12, SF16, SF20: IP67
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance	2000MΩ

SF6 Series IP44


SF610/P
SF610/S

Male contact

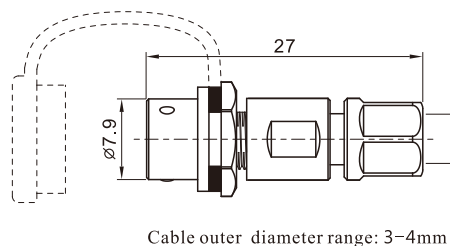
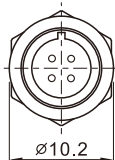
Cable connector
Mate with SF611, SF612B, SF615B



Cable outer diameter range: 3-4mm


SF611/P
SF611/S

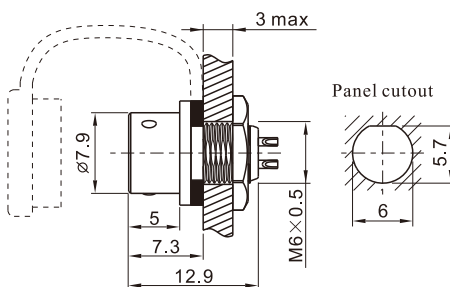
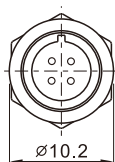
In-line cable connector
Mate with SF610



Cable outer diameter range: 3-4mm


SF612B/P
SF612B/S

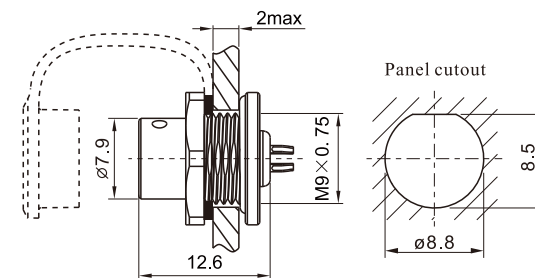
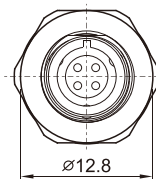
Rear-nut mount
Mate with SF610



Panel cutout


SF615B/P
SF615B/S

Front-nut mount
Mate with SF610



Panel cutout

Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	ø0.6×2	ø0.6×3	ø0.6×4	ø0.6×5
Rated voltage (AC.V)	30	30	30	30
Test voltage(AC.V) 1 min	500	500	500	500
Contact resistance(mΩ)	10	10	10	10
Wire size (mm²/AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20

SF6B Series IP67

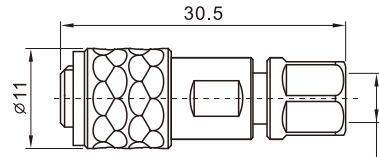
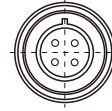


SF610B/P_

SF610B/S_

Male contact

Cable connector
Mate with SF611B, SF612B,
SF615B



Cable outer diameter range: 3-4mm

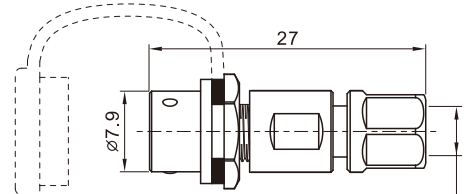
Number of contact
Female contact



SF611B/P_

SF611B/S_

In-line cable connector
Mate with SF610B



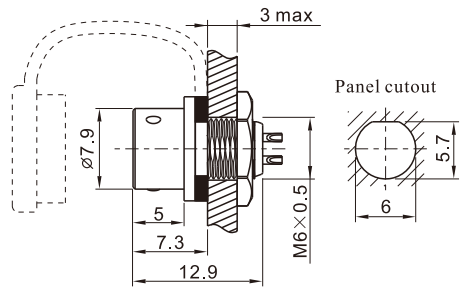
Cable outer diameter range: 3-4mm



SF612B/P_

SF612B/S_

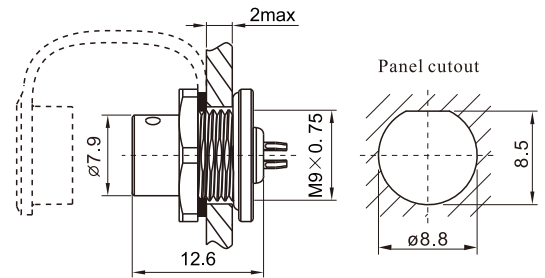
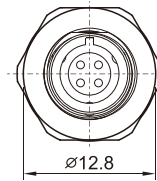
Rear-nut mount
Mate with SF610B



SF615B/P_

SF615B/S_

Front-nut mount
Mate with SF610B



Solder contact spec

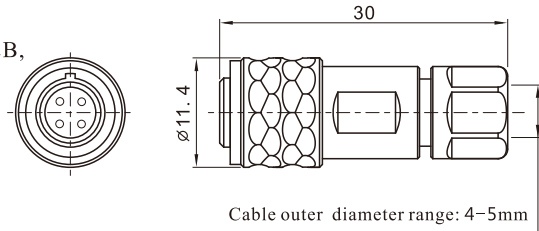
Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	Ø0.6×2	Ø0.6×3	Ø0.6×4	Ø0.6×5
Rated voltage (AC.V)	30	30	30	30
Test voltage(AC.V) 1 min	500	500	500	500
Contact resistance(mΩ)	10	10	10	10
Wire size (mm ² /AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20

SF8 Series IP44

SF
8



Cable connector
Mate with SF811, SF812B,
SF815B



SF810/P

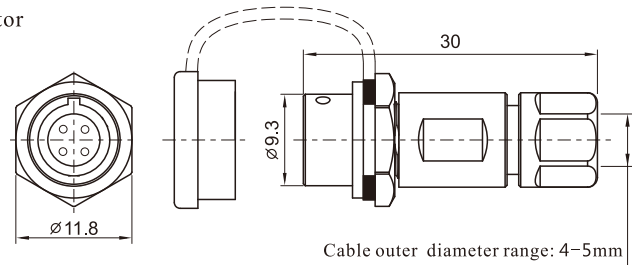
SF810/S

Male contact

Number of contact
Female contact



In-line cable connector
Mate with SF810

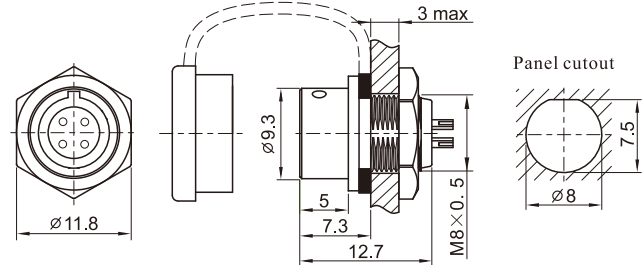


SF811/P

SF811/S



Rear-nut mount
Mate with SF810

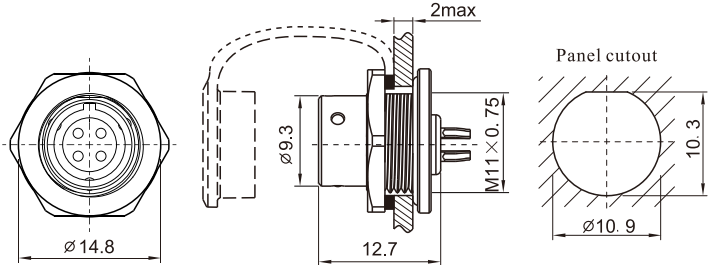


SF812B/P

SF812B/S



Front-nut mount
Mate with SF810



SF815B/P

SF815B/S

Solder contact spec

Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter(mm)	1×2	1×3	0.6×4	0.6×6	0.6×8
Rated voltage (AC.V)	125	125	30	30	30
Test voltage(AC.V) 1 min	1000	1000	500	500	500
Contact resistance(mΩ)	5	5	10	10	10
Wire size(mm ² /AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20

SF8B Series IP67

SF
8



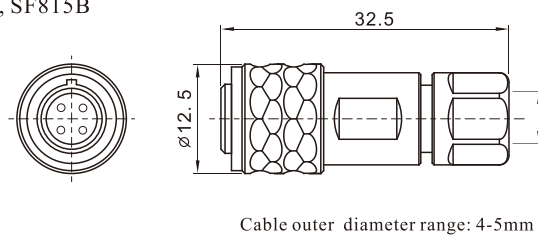
Cable connector
Mate with SF811B, SF812B, SF815B

SF810B/P

SF810B/S

Male contact

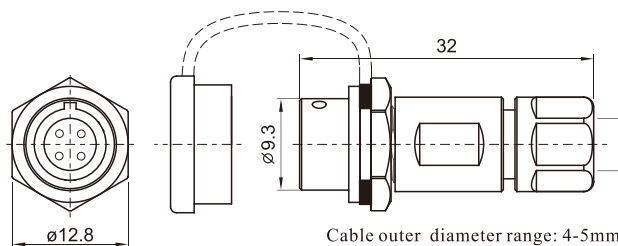
Number of contact
Female contact



SF811B/P

SF811B/S

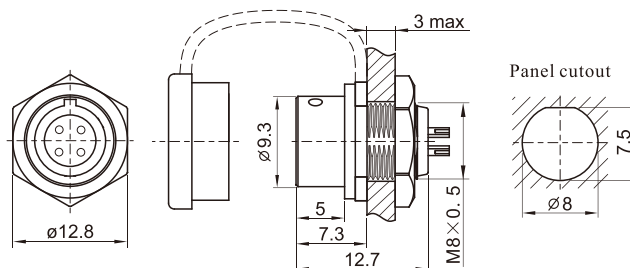
In-line cable connector
Mate with SF810B



SF812B/P

SF812B/S

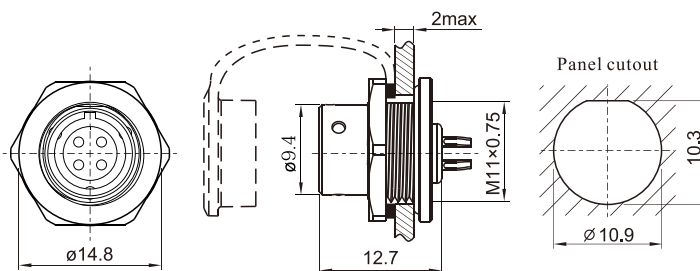
Rear-nut mount
Mate with SF810B



SF815B/P

SF815B/S

Front-nut mount
Mate with SF810B



Solder contact spec

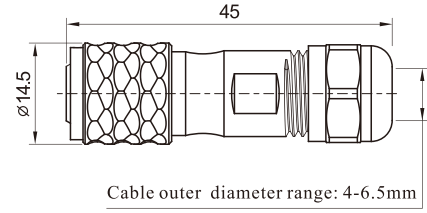
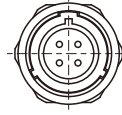
Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter(mm)	1×2	1×3	0.6×4	0.6×6	0.6×8
Rated voltage (AC.V)	125	125	30	30	30
Test voltage(AC.V) 1 min	1000	1000	500	500	500
Contact resistance(mΩ)	5	5	10	10	10
Wire size(mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20

SF10 Series IP67

**SF
10**



Cable connector
Mate with SF1011, SF1012,
SF1015



Cable outer diameter range: 4-6.5mm

SF1010 / P—

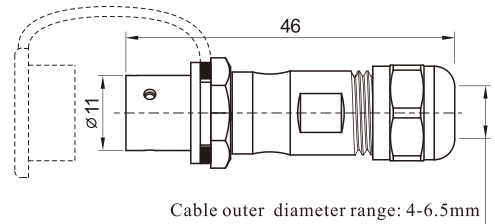
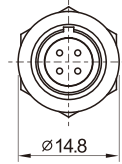
SF1010 / S—

Male contact

Number of contact
Female contact



In-line cable connector
Mate with SF1010



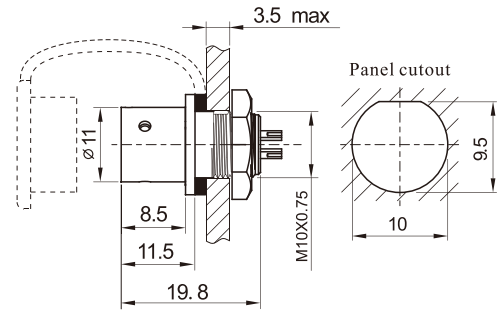
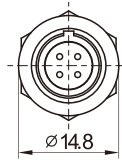
Cable outer diameter range: 4-6.5mm

SF1011 / P—

SF1011 / S—



Rear-nut mount
Mate with SF1010

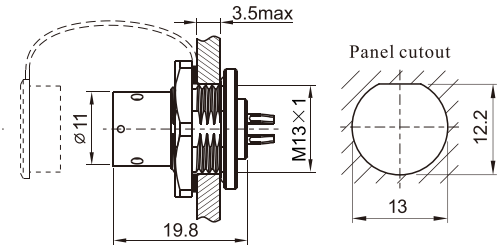
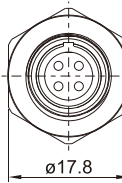


SF1012 / P—

SF1012 / S—



Front-nut mount
Mate with SF1010



SF1015 / P—

SF1015 / S—

Solder contact spec

Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	Ø1×2	Ø1×3	Ø0.7×4	Ø0.7×5
Rated voltage (AC.V)	180	180	125	125
Test voltage(AC.V) 1 min	1000	1000	1000	1000
Contact resistance(mΩ)	5	5	10	10
Wire size(mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20

SF12 Series IP67

**SF
12**



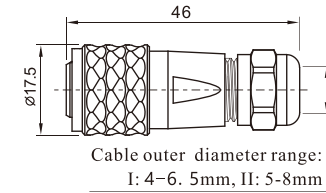
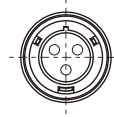
Cable connector
Mate with SF1211, SF1212,
SF1213, SF1215

SF1210 / P — SF1210 / S —

Male contact

(U):

Cable outer diameter
I: 4-6.5mm, II: 5-8mm
Number of contact
Female contact

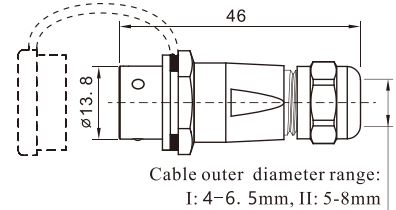
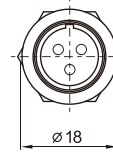


Cable outer diameter range:
I: 4-6.5mm, II: 5-8mm



In-line cable connector
Mate with SF1210, SF1214

SF1211 / P — SF1211 / S —

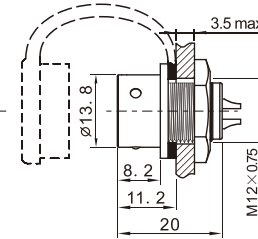
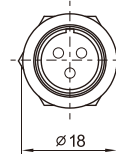


Cable outer diameter range:
I: 4-6.5mm, II: 5-8mm

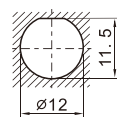


Rear-nut mount
Mate with SF1210,
SF1214

SF1212 / P — SF1212 / S —

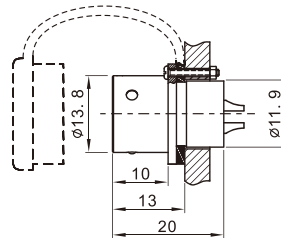
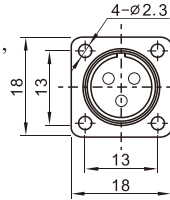


Panel cutout

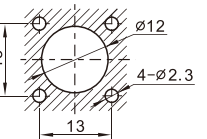


Square flange
Mate with SF1210,
SF1214

SF1213 / P — SF1213 / S —



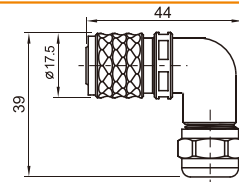
Panel cutout



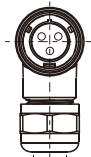
Zinc Alloy

Angled cable connector
Mate with SF1211, SF1212, SF1213, SF1215

SF1214 / P — II SF1214 / S — II —

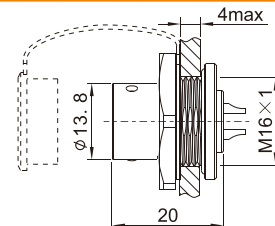
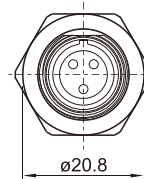


5-8mm
Cable outer diameter range

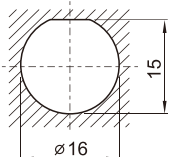


Front-nut mount
Mate with SF1210,
SF1214

SF1215 / P — SF1215 / S —



Panel cutout



Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter(mm)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
Rated voltage (AC.V)	250	250	200 300	180 300	125 300	125 300	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	10
Wire size(mm ² /AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

SF16 Series IP67

**SF
16**



Cable connector
Mate with SF1611, SF1612,
SF1613, SF1615

SF1610 / P — SF1610 / S

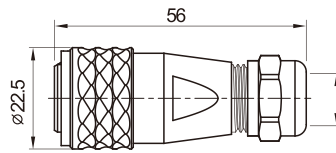
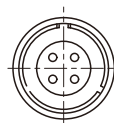
Male contact

1: solder, 3: crimp

Cable outer diameter
I: 5-8mm, II: 8-12mm

Number of contact

Female contact

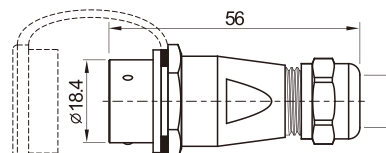
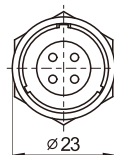


Cable outer diameter range:
I: 5-8mm, II: 8-12mm



In-line cable connector
Mate with SF1610

SF1611 / P — SF1611 / S

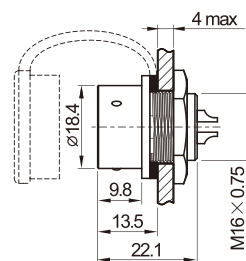
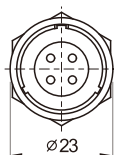


Cable outer diameter range:
I: 5-8mm, II: 8-12mm

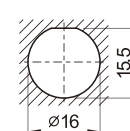


Rear-nut mount
Mate with SF1610

SF1612 / P — SF1612 / S

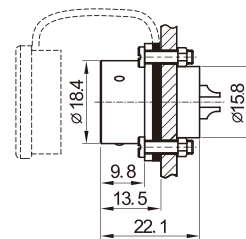
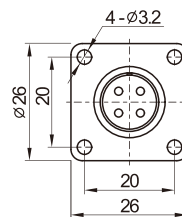


Panel cutout

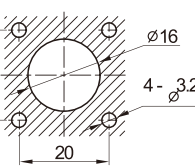


Square flange
Mate with SF1610

SF1613 / P — SF1613 / S

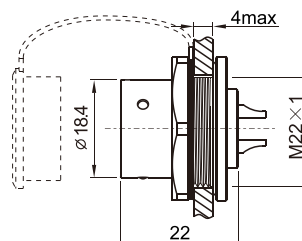
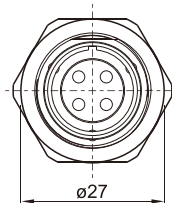


Panel cutout

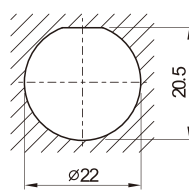


Front-nut mount
Mate with SF1610

SF1615 / P — SF1615 / S



Panel cutout



Solder contact spec

★ Crimp contact spec see P107-P110

Number of contact	2	3	4	2B	3B	4B	5	7	9	10
Male contact face view										
Rated current (A)	10	10	5	15	15	15	5	5	5	5
Contact diameter(mm)	Ø1.5X2	Ø1.5X3	Ø1X4	Ø2X2	Ø2X3	Ø2X4	Ø1X5	Ø1X7	Ø1X9	Ø1X10
Rated voltage (AC.V)	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	2.5	2.5	5	2.5	2.5	2.5	5	5	5	5
Wire size (mm ² /AWG)	≤2/14	≤2/14	≤0.75/18	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

SF20 Series IP67

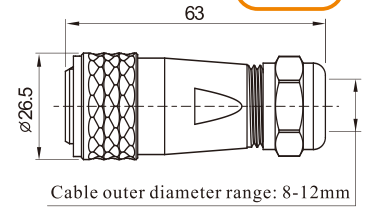
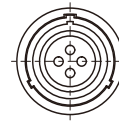
**SF
20**



Cable connector
Mate with SF2011, SF2012,
SF2013, SF2015

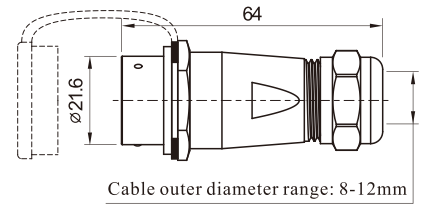
SF2010 / P__ SF2010 / S__
Male contact

1: solder, 2: screw, 3: crimp
Number of contact
Female contact



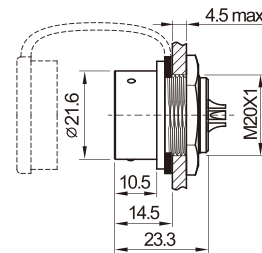
SF2011 / P__ SF2011 / S__

In-line cable connector
Mate with SF2010

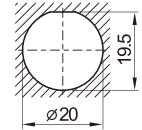


SF2012 / P__ SF2012 / S__

Rear-nut mount
Mate with SF2010

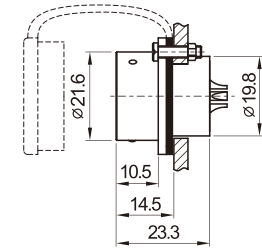
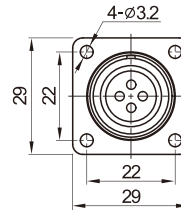


Panel cutout

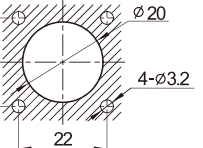


SF2013 / P__ SF2013 / S__

Square flange
Mate with SF2010

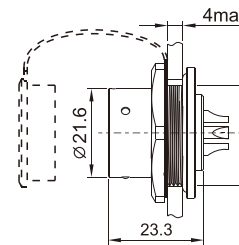
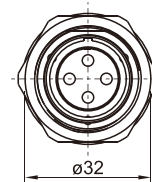


Panel cutout

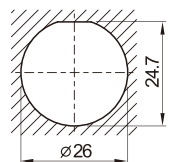


SF2015 / P__ SF2015 / S__

Front-nut mount
Mate with SF2010



Panel cutout



Solder contact spec

★ Crimp contact spec see P107-P110

★ Screw contact spec see P111-P112

Number of contact	2	3	4	5	6	6B	7	8	9	12	15
Male contact face view											
Rated current (A)	25	25	25	10	25 5	30 5	10	10	5	5	5
Contact diameter(mm)	2.5X2	2.5X3	2.5X4	1.5X5	2.5X4 1X2	3X2 1X4	1.5X7	1.5X8	1X9	1X12	1X15
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	1	1	1	2.5	1 5	1 5	2.5	2.5	5	5	5
Termination	solder / screw	solder / screw	solder / screw	solder	solder	solder	solder	solder	solder	solder	solder
Wire size for solder (mm / AWG)	≤4/11	≤4/11	≤4/11	≤2/14	≤4/11 ≤0.75/18	≤4/11 ≤0.75/18	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18
Wire size for screw termination (mm ² / AWG)	≤1.5/15	≤1.5/15	≤1.5/15	/	/	/	/	/	/	/	/

SF16, SA16, SP17, SY17 WS16, WF16, WY16	2	3	4
Male contact face view			
Rated current (A)	10	10	5
Contact diameter(mm)	Ø1.5X2	Ø1.5X3	Ø1X4
Rated voltage (AC.V)	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1200
Contact resistance(mΩ)	2.5	2.5	5
Insulation resistance (MΩ)	2000	2000	2000

SF20, SA20, SP21, SY21 WS20 WF20, WY20, WP20	2	3	4	5	7	7B	8
Male contact face view							
Rated current (A)	25	25	25	10	10	5	5
Contact diameter(mm)	Ø2.5X2	Ø2.5X3	Ø2.5X4	Ø1.5X5	Ø1.5X7	Ø1X7	Ø1X8
Rated voltage (AC.V)	500	500	500	500	500	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1200	1200
Contact resistance(mΩ)	1	1	1	2.5	2.5	5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000

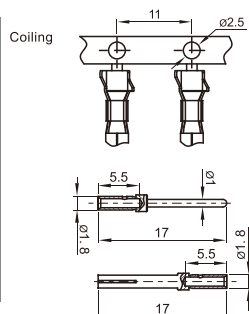
WS24、WF24、WY24	4	5	9	12
Male contact face view				
Rated current (A)	25	25	10	5
Contact diameter(mm)	Ø2.5X4	Ø2.5X5	Ø1.5X9	Ø1X12
Rated voltage (AC.V)	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1200
Contact resistance(mΩ)	1	1	2.5	5
Insulation resistance (MΩ)	2000	2000	2000	2000

SA28, SP29, SY29 WS28, WF28, WY28	2	7	12	15	19
Male contact face view					
Rated current (A)	50	25	10	5	5
Contact diameter(mm)	Ø3.5X2	Ø2.5X7	Ø1.5X12	Ø1X15	Ø1X19
Rated voltage (AC.V)	500	500	500	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1200	1200
Contact resistance(mΩ)	0.5	1	2.5	5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000

Crimp contact

5A Crimp contact

- ※ Contact diameter: $\phi 1$
- ※ Material: Brass with gold plating
- ※ Contact resistance: $5m\Omega$



5A Male crimp contact

For SF, SA, SP, SY, WP, WS/WF/WY16-28

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.20-0.52mm ² AWG 24-20	5.5mm	YJ1-17-0.52AU	CTW-0.14/4	RT-1.0

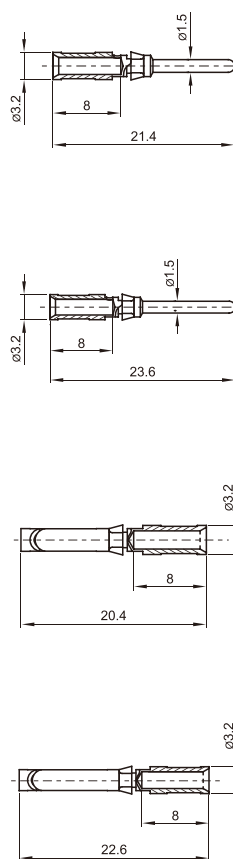
5A Female crimp contact

For SF, SA, SP, SY, WP, WS/WF/WY16-28

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.20-0.52mm ² AWG 24-20	5.5mm	YK1-17-0.52AU	CTW-0.14/4	RT-1.0

10A Crimp contact

- ※ Contact diameter: $\phi 1.5$
- ※ Material: Brass with gold plating
- ※ Contact resistance: $2.5m\Omega$



10A Male crimp contact

For SF, SA, SP, SY, WP, WS/WF/WY16-28

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YJ1.5-21.4-0.37AU	CTW-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YJ1.5-21.4-0.5AU	CTW-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YJ1.5-21.4-1.0AU	CTW-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YJ1.5-21.4-1.5AU	CTW-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YJ1.5-21.4-2.5AU	CTW-0.14/4	RT-1.5

10A Male crimp contact

For WS/WF/WY32-55

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YJ1.5-23.6-0.37AU	CTW-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YJ1.5-23.6-0.5AU	CTW-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YJ1.5-23.6-1.0AU	CTW-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YJ1.5-23.6-1.5AU	CTW-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YJ1.5-23.6-2.5AU	CTW-0.14/4	RT-1.5

10A Female crimp contact

For SF, SA, SP, SY, WP, WS/WF/WY16-28

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YK1.5-20.4-0.37AU	CTW-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YK1.5-20.4-0.5AU	CTW-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YK1.5-20.4-1.0AU	CTW-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YK1.5-20.4-1.5AU	CTW-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YK1.5-20.4-2.5AU	CTW-0.14/4	RT-1.5

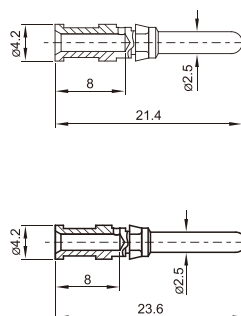
10A Female crimp contact

For WS/WF/WY32-55

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.14-0.37mm ² AWG 26-22	8mm	YK1.5-22.6-0.37AU	CTW-0.14/4	RT-1.5
0.5mm ² AWG 20	8mm	YK1.5-22.6-0.5AU	CTW-0.14/4	RT-1.5
0.75-1.0mm ² AWG 18	8mm	YK1.5-22.6-1.0AU	CTW-0.14/4	RT-1.5
1.5mm ² AWG 16	8mm	YK1.5-22.6-1.5AU	CTW-0.14/4	RT-1.5
2.5mm ² AWG 14	8mm	YK1.5-22.6-2.5AU	CTW-0.14/4	RT-1.5

25A Crimp contact

- ※ Contact diameter: $\phi 2.5$
- ※ Material: Brass with gold plating
- ※ Contact resistance: $1m\Omega$



25A Male crimp contact

For SF, SA, SP, SY, WP, WS/WF/WY16-28

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.75-1.0mm ² AWG 18	8mm	YJ2.5-21.4-1.0AU	CTW-0.14/4	RT-2.5
1.5mm ² AWG 16	8mm	YJ2.5-21.4-1.5AU	CTW-0.14/4	RT-2.5
2.5mm ² AWG 14	8mm	YJ2.5-21.4-2.5AU	CTW-0.14/4	RT-2.5
4.0mm ² AWG 12	8mm	YJ2.5-21.4-4.0AU	CTW-0.14/4 CT-4/10	RT-2.5

25A Male crimp contact

For WS/WF/WY32-55

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.75-1.0mm ² AWG 18	8mm	YJ2.5-23.6-1.0AU	CTW-0.14/4	RT-2.5
1.5mm ² AWG 16	8mm	YJ2.5-23.6-1.5AU	CTW-0.14/4	RT-2.5
2.5mm ² AWG 14	8mm	YJ2.5-23.6-2.5AU	CTW-0.14/4	RT-2.5
4.0mm ² AWG 12	8mm	YJ2.5-23.6-4.0AU	CTW-0.14/4 CT-4/10	RT-2.5

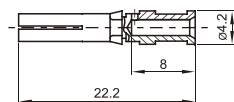
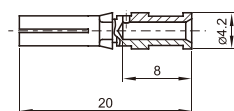
Crimp contact

25A Crimp contact

※ Contact diameter: $\phi 2.5$

※ Material: Brass with gold plating

※ Contact resistance: $1\text{m}\Omega$



25A Female crimp contact

For SF, SA, SP, SY, WP, WS / WF / WY16-28

Wire size		Stripping length	Female crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.75-1.0mm ²	AWG 18	8mm	YK2.5-20-1.0AU	CTW-0.14/4	RT-2.5
1.5mm ²	AWG 16	8mm	YK2.5-20-1.5AU	CTW-0.14/4	RT-2.5
2.5mm ²	AWG 14	8mm	YK2.5-20-2.5AU	CTW-0.14/4	RT-2.5
4.0mm ²	AWG 12	8mm	YK2.5-20-4.0AU	CTW-0.14/4 CT-4/10	RT-2.5

25A Female crimp contact

For WS / WF / WY32-55

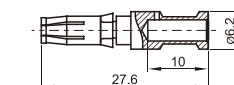
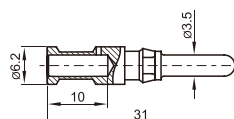
Wire size		Stripping length	Female crimp contact p/n	Crimping tool p/n	Removal tool p/n
0.75-1.0mm ²	AWG 18	8mm	YK2.5-22.2-1.0AU	CTW-0.14/4	RT-2.5
1.5mm ²	AWG 16	8mm	YK2.5-22.2-1.5AU	CTW-0.14/4	RT-2.5
2.5mm ²	AWG 14	8mm	YK2.5-22.2-2.5AU	CTW-0.14/4	RT-2.5
4.0mm ²	AWG 12	8mm	YK2.5-22.2-4.0AU	CTW-0.14/4 CT-4/10	RT-2.5

50A Crimp contact

※ Contact diameter: $\phi 3.5$

※ Material: copper

※ Contact resistance: $0.5\text{m}\Omega$



50A Male crimp contact

For WS / WF / WY32-55

Wire size		Stripping length	Male crimp contact p/n	Crimping tool p/n	Removal tool p/n
1.5mm	AWG 16	10mm	YJ3.5-31-1.5AU	CTW-0.14/4	RT-3.5
2.5mm ²	AWG 14	10mm	YJ3.5-31-2.5AU	CTW-0.14/4	RT-3.5
4.0mm ²	AWG 12	10mm	YJ3.5-31-4.0AU	CTW-0.14/4 CT-4/10	RT-3.5
6.0mm ²	AWG 10	10mm	YJ3.5-31-6.0AU	CT-4/10	RT-3.5
10.0mm ²	AWG 7	10mm	YJ3.5-31-10.0AU	CT-4/10	RT-3.5

50A Female crimp contact

For WS / WF / WY32-55

Wire size		Stripping length	Female crimp contact p/n	Crimping tool p/n	Removal tool p/n
1.5mm ²	AWG 16	10mm	YK3.5-27.6-1.5AU	CTW-0.14/4	RT-3.5
2.5mm ²	AWG 14	10mm	YK3.5-27.6-2.5AU	CTW-0.14/4	RT-3.5
4.0mm ²	AWG 12	10mm	YK3.5-27.6-4.0AU	CTW-0.14/4 CT-4/10	RT-3.5
6.0mm ²	AWG 10	10mm	YK3.5-27.6-6.0AU	CT-4/10	RT-3.5
10.0mm ²	AWG 7	10mm	YK3.5-27.6-10.0AU	CT-4/10	RT-3.5

Crimp tool and Removal tool

Crimp tool

For crimping the male / female contacts



Part number	Crimping wire range
CT-P20/28	0.08-0.52mm ² AWG 28-20
CTW-0.14/4	0.14-4mm ² AWG 25-11
CT-4/10	4-10mm ² AWG 11-7

Removal tool

For taking out male / female contacts



Part number	Removal range
RT-1.0	5A Male / Female crimp contact
RT-1.5	10A Male / Female crimp contact
RT-2.5	25A Male / Female crimp contact
RT-3.5	50A Male / Female crimp contact

Screw contact spec

SF20, SA20, WS20, WF20, WY20	2	3	4
Male contact face view			
Rated current (A)	10	10	10
Contact diameter(mm)	ø2.5X2	ø2.5X3	ø2.5X4
Rated voltage (AC.V)	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500
Contact resistance (mΩ)	1	1	1
Wire size (mm ² /AWG)	≤1.5/15	≤1.5/15	≤1.5/15
Insulation resistance (MΩ)	2000	2000	2000

SP21, SY21, WP20	2	3	4	5
Male contact face view				
Rated current (A)	10	10	10	10
Contact diameter(mm)	ø3×2	ø3×3	ø3×4	ø3×5
Rated voltage (AC.V)	500	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500	1500
Contact resistance (mΩ)	1	1	1	1
Wire size (mm ² /AWG)	≤1.5/15	≤1.5/15	≤1.5/15	≤1.5/15
Insulation resistance (MΩ)	2000	2000	2000	2000

WS24, WF24, WY24	2	3	4
Male contact face view			
Rated current (A)	10	10	10
Contact diameter(mm)	ø2.5X2	ø2.5X3	ø2.5X4
Rated voltage (AC.V)	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500
Contact resistance (mΩ)	1	1	1
Wire size (mm ² /AWG)	≤1.5/15	≤1.5/15	≤1.5/15
Insulation resistance (MΩ)	2000	2000	2000

SA28, SP29, SY29 WS28, WF28, WY28	2	3	4	7	8	10
Male contact face view						
Rated current (A)	32	32	10	10	10	10
Contact diameter(mm)	ø3.5X2	ø3.5X3	ø2.5X4	ø2.5X7	ø2.5X8	ø2.5X10
Rated voltage (AC.V)	500	500	500	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500
Contact resistance (mΩ)	0.5	0.5	1	1	1	1
Wire size (mm ² /AWG)	≤6/10	≤6/10	≤1.5/15	≤1.5/15	≤1.5/15	≤1.5/15
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000

SF16, SA16, SP17, SY17 WS16, WF16, WY16	2	3
Male contact face view		
Rated current (A)	10	10
Contact diameter(mm)	Ø1.5X2	Ø1.5X3
Rated voltage (AC.V)	500	500
Test voltage(AC.V) 1 min	1500	1500
Contact resistance(mΩ)	2.5	2.5
Insulation resistance (MΩ)	2000	2000

SF20, SA20, WS20, WF20, WY20	2	3	4	5	7
Male contact face view					
Rated current (A)	25	25	25	10	10
Contact diameter(mm)	Ø2.5X2	Ø2.5X3	Ø2.5X4	Ø1.5X5	Ø1.5X7
Rated voltage (AC.V)	500	500	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500
Contact resistance(mΩ)	1	1	1	2.5	2.5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000

SA28, WS28, WF28, WY28	7
Male contact face view	
Rated current (A)	25
Contact diameter(mm)	Ø2.5X7
Rated voltage (AC.V)	500
Test voltage(AC.V) 1 min	1500
Contact resistance(mΩ)	1
Insulation resistance (MΩ)	2000

WS32, WF32, WY32	4	19
Male contact face view		
Rated current (A)	50	10
Contact diameter(mm)	Ø3.5X4	Ø1.5X19
Rated voltage (AC.V)	500	500
Test voltage(AC.V) 1 min	1500	1500
Contact resistance(mΩ)	0.5	2.5
Insulation resistance (MΩ)	2000	2000

SF20, SA20, WS20, WF20, WY20	2	3
Male contact face view		
Rated current (A)	25	25
Contact diameter(mm)	Ø2.5X2	Ø2.5X3
Rated voltage (AC.V)	500	500
Test voltage(AC.V) 1 min	1500	1500
Contact resistance(mΩ)	1	1
Insulation resistance (MΩ)	2000	2000

SA28, WS28, WF28, WY28	7
Male contact face view	
Rated current (A)	25
Contact diameter(mm)	Ø2.5X7
Rated voltage (AC.V)	500
Test voltage(AC.V) 1 min	1500
Contact resistance(mΩ)	1
Insulation resistance (MΩ)	2000

WS32、WF32、WY32	4
Male contact face view	
Rated current (A)	50
Contact diameter(mm)	Ø3.5X4
Rated voltage (AC.V)	500
Test voltage(AC.V) 1 min	1500
Contact resistance(mΩ)	0.5
Insulation resistance (MΩ)	2000



