



## Connect to put the new realm of technique

WEIPU Electrical Appliance Co.,Ltd was established in 1996, specialize in R&D and manufacturing the industrial connectors , we are the member of “National Electrical Appliances Standardization Technical Committees ” and one of the members to draft the national standard for industrial connectors GB11918-2014.



Factory premises

Workshop building



## In-house Test Lab Equipment



Vibration Test Equipment



Electric Current Break Test Equipment



Optical Comparator



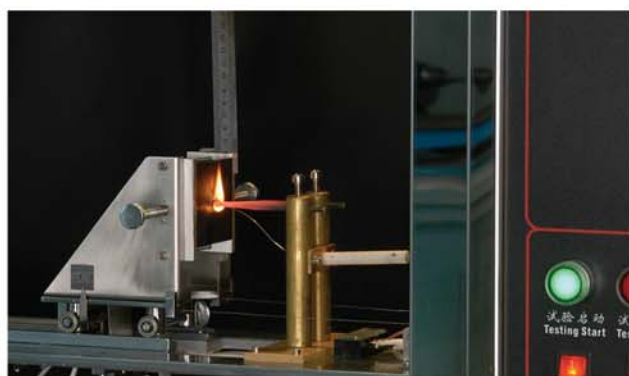
Waterproof Ip Rating Test Chamber



Mating Cycle Life Time Test Machine



Accurate Size Test Equipment



## **Series**

**SF Series**

**SY Series**

**Custom Made Case**



IP 67



★ Each side can be male or female contact

## Material and spec

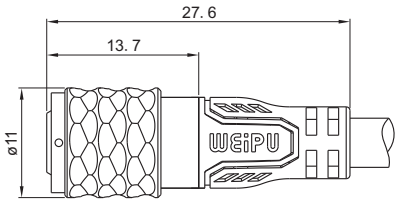
Product model	Patchcord Connector
Coupling	Push-pull
Shell material	Brass, PVC fire resistance:UL94 V-0
Insert material	PPS max temperature 260 ℃
Contact material	Brass with gold plating
IP rating	IP67
Mating cycle	500
Temperature range	-20℃~+85℃
Insulation resistance (MΩ )	2000

# SF6 Series

SF  
6



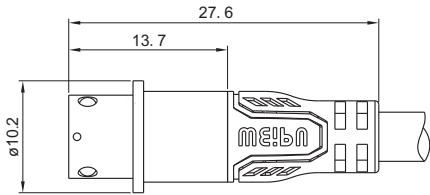
**Single-Ended Cordsets--Plug**  
Mate with SF611,SF612,SF615,SF621,SF624



SF620/ P \_ \_ \_ SF620/ S \_ \_ \_  
Female contact Male contact Cable length:1、 3、 6、 10 (meter)  
Number of contact



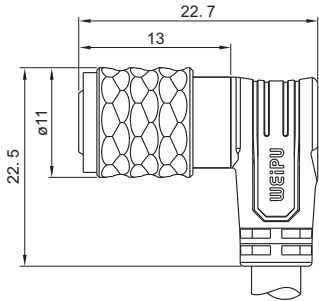
**Single-Ended Cordsets--Receptacle**  
Mate with SF610,SF620



SF621/ P \_ \_ \_ SF621/ S \_ \_ \_



**Single-Ended Cordsets--Angled Receptacle**  
Mate with SF610,SF620



SF624/ P \_ \_ \_ SF624/ S \_ \_ \_

## Contact spec

If you need to order other color and cable length,please countact with our sales representative

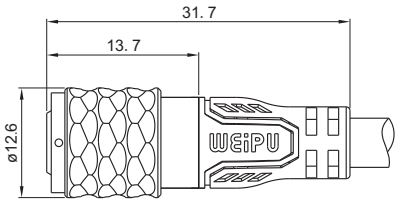
Number of contact	2		4	5
Male contact face view				
Rated current (A)	3	3	3	3
Contact diameter(mm)	ø0.6 2	0.6 3	ø0.6 4	ø0.6 5
Rated voltage (AC.V)	30	30	30	30
Test voltage(AC.V) 1 min	500	500	500	500
Contact resistance(mΩ)	10	10	10	10
Wire size(mm²/AWG)	≤0.5/20	≤0.5/20	≤0.5/20	≤0.5/20

# SF8 Series

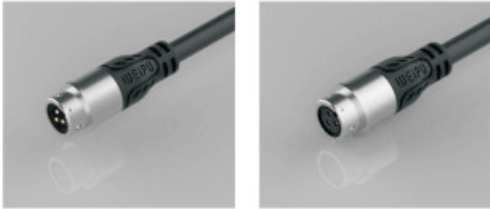
SF  
8



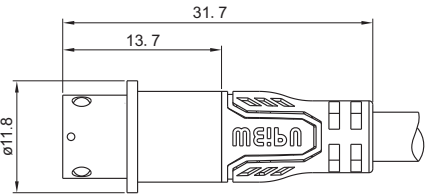
Single-Ended Cordsets--Plug  
Mate with SF811,SF812,SF815,SF821,SF824



SF820 / P \_ \_ \_ SF820 / S \_ \_ \_  
Female contact  
Male contact  
Cable length:1、3、6、10 (meter)  
Number of contact



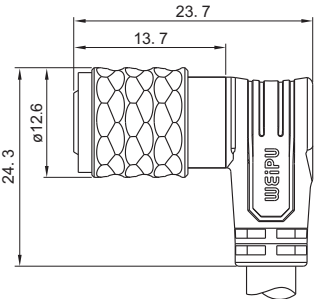
Single-Ended Cordsets--Receptacle  
Mate with SF810,SF820



SF821 / P \_ \_ \_ SF821 / S \_ \_ \_



Single-Ended Cordsets--Receptacle  
Mate with SF810,SF820



SF824 / P \_ \_ \_ SF824 / S \_ \_ \_

## Contact spec

If you need to order other color and cable length,please countact with our sales representative

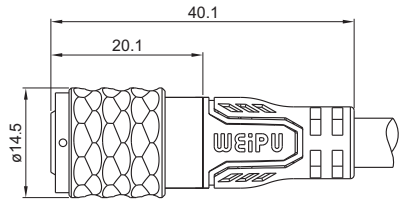
Number of contact	2	3	4	6	8
Male contact face view					
Rated current (A)	5	5	3	3	3
Contact diameter(mm)	ø1×2	ø1×3	ø0.6×4	ø0.6×6	ø0.6×8
Rated voltage (AC.V)	125	125	30	30	30
Test voltage(AC.V) 1 min	1000	1000	500	500	500
Contact resistance(mΩ)	5	5	10	10	10
Wire size (mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20	≤0.5/20

# SF10 Series

SF  
10



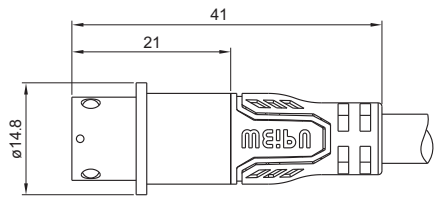
**Single-Ended Cordsets--Plug**  
Mate with SF1011,SF1012,SF1015,SF1021,SF1024



SF1020/ P \_ \_ \_ SF1020/ S \_ \_ \_  
Female contact  
Male contact  
Cable length:1、 3、 6、 10 (meter)  
Number of contact



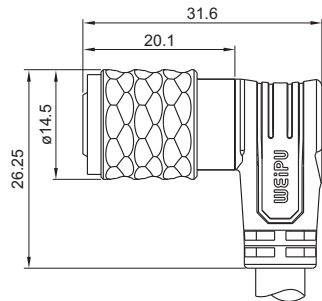
**Single-Ended Cordsets--Receptacle**  
Mate with SF1010,SF1020



SF1021/ P \_ \_ \_ SF1021/ S \_ \_ \_



**Single-Ended Cordsets--Receptacle**  
Mate with SF1010,SF1020



SF1024/ P \_ \_ \_ SF1024/ S \_ \_ \_

## Contact spec

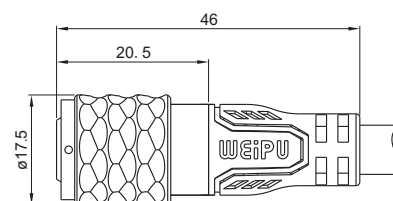
If you need to order other color and cable length,please countact with our sales representative

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

**Single-Ended Cordsets--Plug**

Mate with SF1211,SF1212,SF1213,SF1221,  
SF1224



SF1220/P — —

SF1220/S — —

Female contact

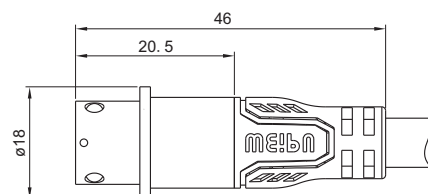
Male contact

Cable length:1、3、6、10 (meter)

Number of contact

**Single-Ended Cordsets--Receptacle**

Mate with SF1210,SF12114,SF1220

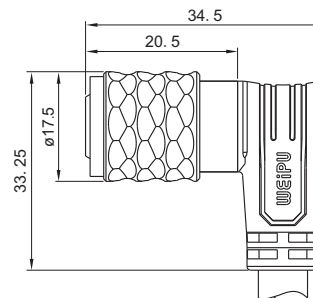


SF1221/P — —

SF1221/S — —

**Single-Ended Cordsets--Receptacle**

Mate with SF1210,SF12114,SF1220



SF1224/P — —

SF1224/S — —

**Contact spec**

If you need to order other color and cable length,please countact with our sales representative

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	180	125	125	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(mm²/AWG)	≤ 2/14	≤ 2/14	≤ 0.75/18	≤ 0.75/18	≤ 0.75/18	≤ 0.75/18	≤ 0.5/20

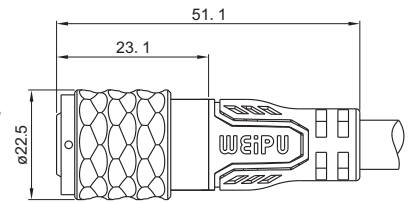
## SF16 Series

**SF  
16**



### Single-Ended Cordsets--Plug

Mate with SF1611,SF1612,SF1613,SF1615,SF1621,  
SF1624



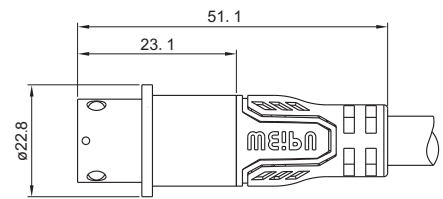
SF1620 / P \_ \_ \_ SF1620 / S \_ \_ \_

Female contact Male contact Cable length:1、3、6、10 (meter)  
Number of contact



### Single-Ended Cordsets--Receptacle

Mate with SF1610,SF1620

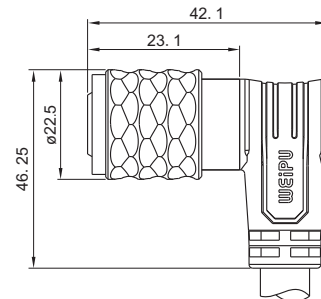


SF1621 / P \_ \_ \_ SF1621 / S \_ \_ \_



### Single-Ended Cordsets--Receptacle

Mate with SF1610,SF1620



SF1624 / P \_ \_ \_ SF1624 / S \_ \_ \_

## Contact spec

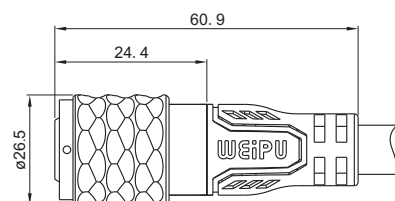
If you need to order other color and cable length,please countact with our sales representative

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 (mm²/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

## SF20Series



## Single-Ended Cordsets--Plug

Mate with SF2011,SF2012,SF2013,SF2015,  
SF2020,SF2024

SF2020 / P — —

SF2020 / S — —

Female contact

Male contact

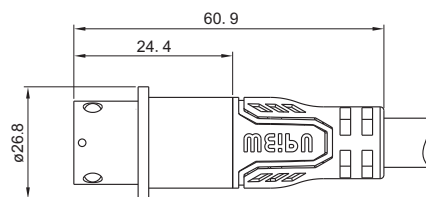
Cable length:1、3、6、10 (meter)

Number of contact



## Single-Ended Cordsets--Receptacle

Mate with SF2010,SF2015,SF2020



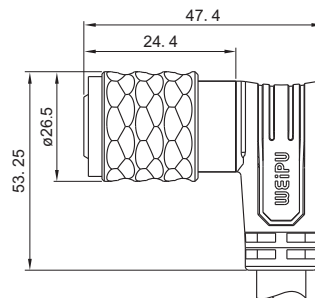
SF2021 / P — —

SF2021 / S — —



## Single-Ended Cordsets--Receptacle

Mate with SF2010,SF2015,SF2020



SF2024 / P — —

SF2024 / S — —

## Contact spec

If you need to order other color and cable length,please countact with our sales representative

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)	ø2.5X2	ø2.5X3	ø2.5X4	ø1.5X5	ø2.5X4 ø1X2	ø3X2 ø1X4	ø1.5X7	ø1.5X8	ø1X9	ø1X12	ø1X15
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
Wire size(mm²/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



IP 67



★ Each side can be male or female contact

## Material and spec

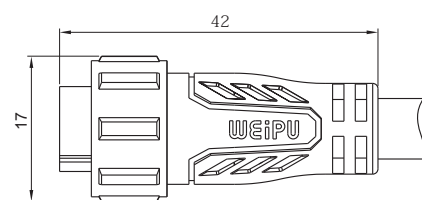
Product model	Patchcord Connector
Coupling	Bayonet
Shell material	PC, PVC, Nylon fire resistance:UL94 V-0
Insert material	PPS max temperature 260 ℃
Contact material	Brass with gold plating
IP rating	IP67
Mating cycle	500
Temperature range	-20℃~+85℃
Insulation resistance MΩ	2000

## SY11 Series



## Single-Ended Cordsets--Plug

Mate with SY1111,SY1112,SY1121,SY1124



SY1120 / P — — SY1120 / S — —

Female contact

Male contact

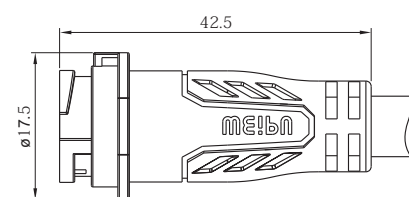
Cable length: 1、3、6、10 (meter)

Number of contact



## Single-Ended Cordsets--Receptacle

Mate with SY1110,SY1120

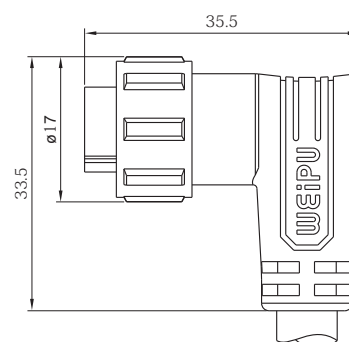


SY1121 / P — — SY1121 / S — —



## Single-Ended Cordsets--Receptacle

Mate with SY1110,SY1120



SY1124 / P — — SY1124 / S — —

## Contact spec

If you need to order other color and cable length, please contact with our sales representative

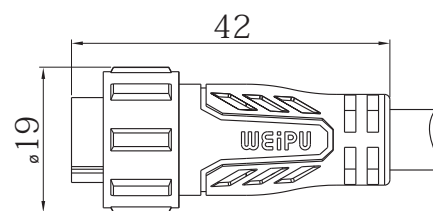
Number of contact	2	3	4	5
Male contact face view				
Rated current (A)	5	5	3	3
Contact diameter(mm)	Ø1×2	Ø1×3	Ø0.7×4	Ø0.7×5
Rated voltage (AC.V)	180	180	125	125
Test voltage(AC.V) 1 min	1000	1000	1000	1000
Contact resistance(mΩ)	5	5	10	10
Wire size (mm²/AWG)	≤0.75/18	≤0.75/18	≤0.5/20	≤0.5/20

## SY13 Series



## Single-Ended Cordsets--Plug

Mate with SY1311,SY1312,SY1321,SY1324



SY1320 / P — —

SY1320 / S — —

Female contact

Male contact

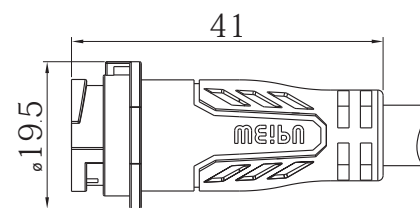
Cable length: 1、3、6、10 (meter)

Number of contact



## Single-Ended Cordsets--Receptacle

Mate with SY1310,SY1320



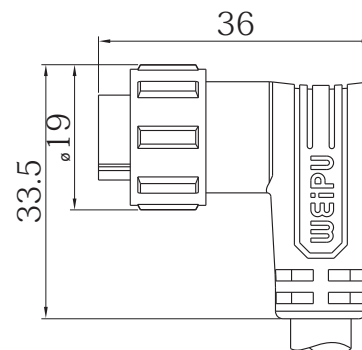
SY1321 / P — —

SY1321 / S — —



## Single-Ended Cordsets--Receptacle

Mate with SY1310,SY1320



SY1324 / P — —

SY1324 / S — —

## Contact spec

If you need to order other color and cable length, please contact with our sales representative

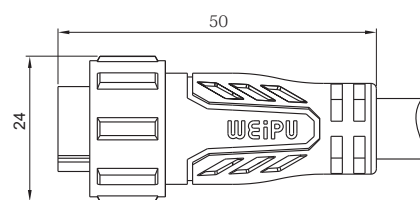
Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter(mm)	Ø1.6X2	Ø1.6X3	Ø1X4	Ø1X5	Ø1X6	Ø1X7	Ø0.7X9
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance(mΩ)	25	25	5	5	5	5	10
Wire size(mm²/AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

## SY17 Series



## Single-Ended Cordsets--Plug

Mate with SY1711,SY1712,SY1721,SY17124



SY1720 / P — — SY1720 / S — —

Female contact

Male contact

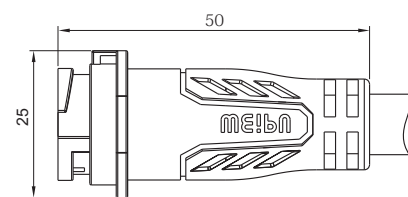
Cable length: 1、3、6、10 (meter)

Number of contact



## Single-Ended Cordsets--Receptacle

Mate with SY1710,SY1720

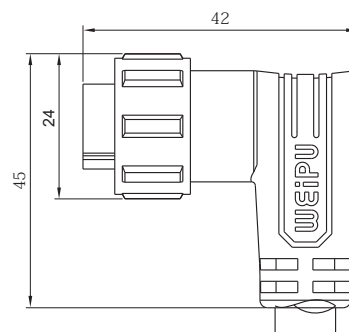


SY1721 / P — — SY1721 / S — —



## Single-Ended Cordsets--Receptacle

Mate with SY1710,SY1720



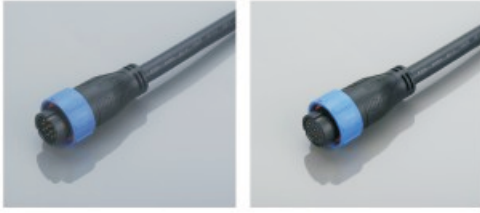
SY1724 / P — — SY1724 / S — —

## Contact spec

If you need to order other color and cable length, please contact with our sales representative

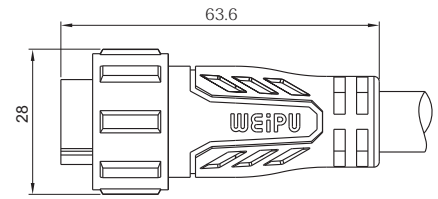
Number of contact	2	3	4	2B	3B	4B	5	7	9	10
Male contact face view										
Rated current (A)	10	10	5	15	15	15	5	5	5	5
Contact diameter(mm)	Ø1.5X2	Ø1.5X3	Ø1X4	Ø2X2	Ø2X3	Ø2X4	Ø1X5	Ø1X7	Ø1X9	Ø1X10
Rated voltage (AC.V)	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	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 <sup>2</sup> /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

## SY21 Series



## Single-Ended Cordsets--Plug

Mate with SY2111,SY2112,SY2113,SY2121,  
SY2124



SY2120 / P — — SY2120 / S — —

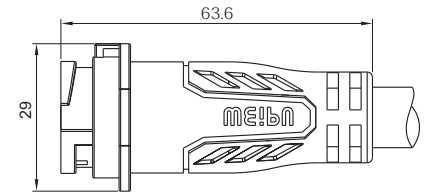
Female contact  
Male contact

Cable length: 1、3、6、10 (meter)  
Number of contact

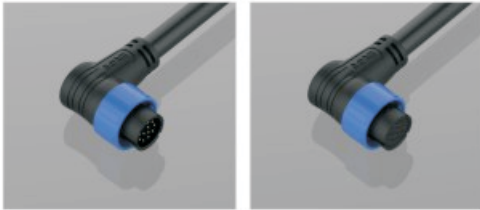


## Single-Ended Cordsets--Receptacle

Mate with SY1310,SY1316,SY1321

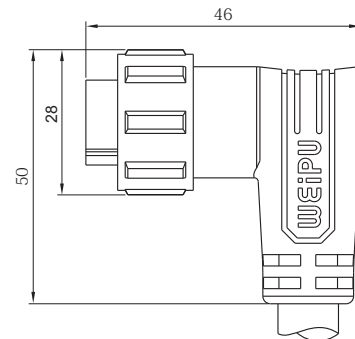


SY2121 / P — — SY2121 / S — —



## Single-Ended Cordsets--Receptacle

Mate with SY1310,SY1316,SY1321



SY2124 / P — — SY2124 / S — —

## Contact spec

If you need to order other color and cable length, please contact with our sales representative

Number of contact	2	3	4	5	5B	5C	6	6B	7	8	9	12	15
Male contact face view													
Rated current (A)	30	30	30	30	30 5	15	25 5	30 5	15	10	5	5	5
Contact diameter(mm)	ø3X2	ø3X3	ø3X4	ø3X5	ø3X2 ø1X3	ø2X5	ø2.5X4 ø1X2	ø3X2 ø1X4	ø2X7	ø1.5X10	ø1X9	ø1X12	ø1X15
Rated voltage (AC.V)	500	500	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	1500	1500	1500	1200	1200
Contact resistance(mΩ)	1	1	1	1	1 5	2.5	1 5	1 5	2.5	2.5	5	5	5
Wire size(mm²/AWG)	≤4/11	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.75/18	≤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



- Prototyping and Design
- High quality, reasonable cost and timely delivery
- Welcome to customize











[www.weipu.cn](http://www.weipu.cn)

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