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Sp13 ,SP21 型连接器



商品详细介绍

IP68 Threaded coupling



材料和技术参数 Material and spec

接插方式	Coupling	螺纹锁紧	Threaded coupling
外壳材料	Shell material	热塑塑料 PA66 阻燃等级 V-0	Nylon66, fire resistance: V-0
绝缘体	Insert material	热塑塑料 PPS 耐高温 260℃	PPS max temperature 260℃
接触件材料	Contact material	铜镀金	Brass with gold plating
接线方式	Termination	SP13: 焊接, SP21: 焊接/压接	SP13: solder, SP21: solder / screw
电缆直径	Cable outer diameter range	SP13 I: 4-6.5mm(不标) SP13 II: 5-8mm	SP21 I: 4.5-7mm SP21 II: 7-12mm(不标)
防护等级	IP rating	IP68	Solder / screw
接插次数	Mating cycle	>500次	>500
温度范围	Temperature range	-25℃ ~ +85℃	
绝缘电阻 MΩ	Insulation resistance MΩ	2000	



芯数排列及技术特性表
Contact arrangement and spec

芯数 Number of contact	2	3	4	5	6	7	9
插针绝缘体正面图 Male contact face view							
额定电流A Rated current (A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	∅ 1.6X2	∅ 1.6X3	∅ 1X4	∅ 1X5	∅ 1X6	∅ 1X7	∅ 07X9
工作电压 (AC.V) Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
接触电阻 mΩ Contact resistance mΩ	2	2	5	5	5	5	10
线规 mm ² /AWG Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

电缆插头
Cable connector
与SP2111, SP2112, SP2113相配
Mate with SP2111, SP2112, SP2113

SP2110/P — SP2110/S

电缆外径 Cable outer diameter
I: 4-7mm, II: 7-12mm(不标)
芯数 Number of contact: 2, 3, 4, 5, 7, 9, 12

电缆对接插座
In-line cable connector
与SP2110相配
Mate with SP2110

SP2111/P — SP2111/S

后螺母插座
Rear mount
与SP2110相配
Mate with SP2110

SP2112/P — SP2112/S

芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9

2孔法兰插座
2-hole flange
与SP2110相配
Mate with SP2110

SP2113/P — SP2113/S

芯数排列及技术特性表
Contact arrangement and spec

芯数 Number of contact	2	3	4	5	5B	7	9	12
插针绝缘体正面图 Male contact face view								
额定电流A Rated current (A)	30A	30A	30A	30A	5A, 30A	15A	5A	5A
接触件直径 Contact diameter	∅3X2	∅3X3	∅3X4	∅3X5	∅1X3 ∅3X2	∅2X7	∅1X9	∅1X12
接线方式 Termination	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接 solder	焊接 solder	焊接 solder
工作电压(AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	400V
耐压(AC.V) 1 min Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
接触电阻mΩ Contact resistance mΩ	1	1	1	1	5, 1	2.5	5	5
线规 mm ² /AWG Wire size mm ² /AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11	≤2/14	≤0.785/18	≤0.785/18