

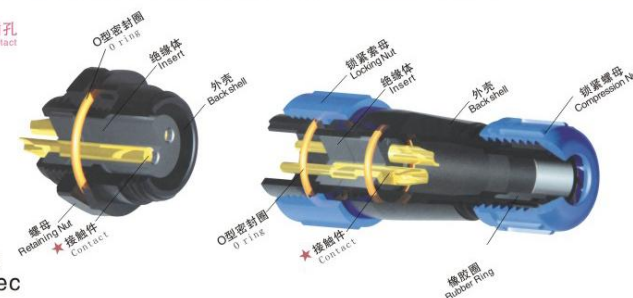


芯数排列及技术特性表
Contact arrangement and spec

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	$\Phi 1.6 \times 2$	$\Phi 1.6 \times 3$	$\Phi 1 \times 4$	$\Phi 1 \times 5$	$\Phi 1 \times 6$	$\Phi 1 \times 7$	$\Phi 0.7 \times 9$
工作电压(AC.V) Rated voltage(AC.V)	250V	250V	200V	180V	125V	125V	125V
耐压(AC.V)1min Test voltage(AC.V)1min	1500V	1500V	1500V	1000V	1000V	1000V	1000V



★ 接触件可以是插针或插孔
Each side can be male or female contact



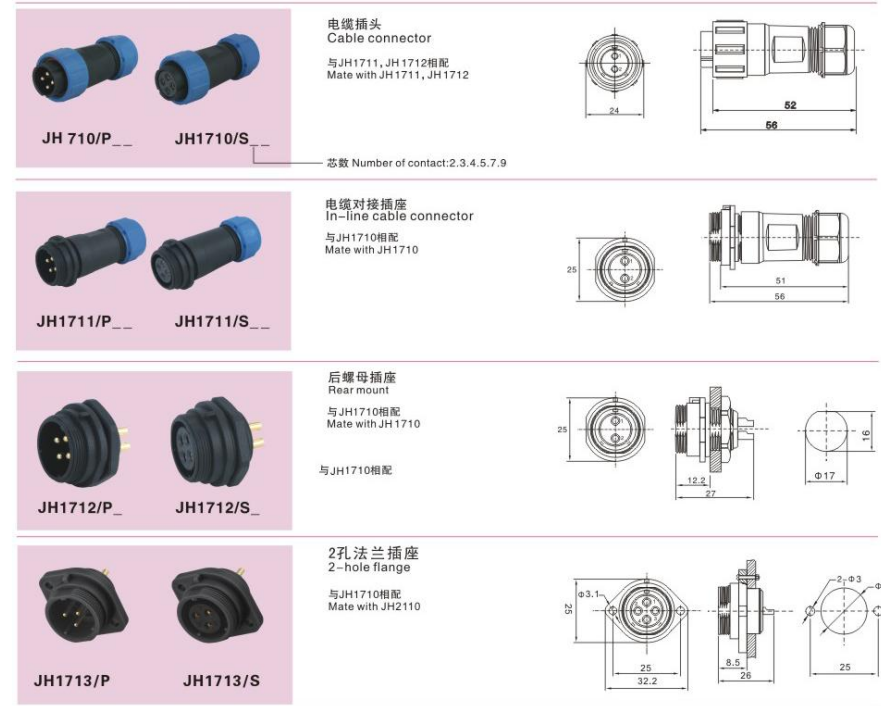
材料和技术参数
Material and spec

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°C	PPS max temperature 260°C
接触件材料	Contact material	铜镀金	Brass with gold plating
接线方式	Termination	KF13: 焊接, KF17: 焊接, KF21: 焊接/压接	KF13:solder, KF17:solder, KF21:solder/screw
电缆直径	Cable outer diameter range	KF13 I: 4-6.5mm (不标) KF13 II: 5-8mm KF 17: 7-10mm (不标) KF21 I: 4.5-7mm KF21 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°C~+85°C	
绝缘电阻MΩ	Insulation resistance MΩ	2000	



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芯数 Number of contact	2	3	4	5	5B	5C	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	15A	5A	5A
接触件直径 Contact diameter	Φ3×2	Φ3×3	Φ3×4	Φ3×5	Φ1×3 Φ3×2	Φ2×5	Φ2×7	Φ1×9	Φ1×12
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	焊接 solder
工作电压(AC.V) Rated voltage(AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
耐压(AC.V)1min Test voltage(AC.V)1min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
接触电阻mΩ Contact resistance mΩ	1	1	1	1	5, 1	2.5	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	≤2/14	≤0.785/18	≤0.785/18



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芯数 Number of contact	2	3	4	5	7	9
插针绝缘体正面图 Male contact face view						
额定电流5A-10A Rated current(A)	10A	10A	5A	5A	5A	5A
接触件直径 Contact diameter	Φ1.5×2	Φ1.5×3	Φ1×4	Φ1×5	Φ1×7	Φ1×9
工作电压(AC.V) Rated voltage(AC.V)	500V	500V	500V	500V	400V	400V
耐压(AC.V)1min Test voltage(AC.V)1min	1500V	1500V	1500V	1500V	1200V	1200V