

IP68



IP68 Threaded coupling



材料和技术参数 Materl and spec

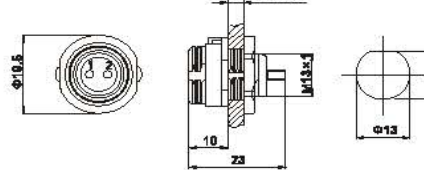
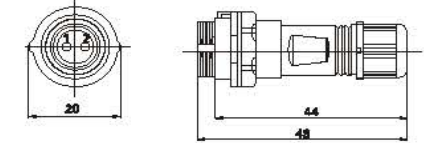
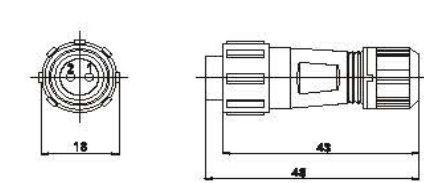
产品类型	Product model	连接器 Connector	预铸电缆连接器 Patchcord Connector
连接方式	Couling	螺纹锁紧 Threaded coupling	螺纹锁紧 Threaded coupling
外壳材料	Shell material	热塑塑料PC, PA66阻燃等级V-0,PC,Nylon66	PC,PVC,阻燃等级V-0,铝, 表面阳极处理PC,PVC,Fire resistance:V-0;Anodizing Aluminium Process
绝缘体	Insert material	热塑塑料PPS 耐高温260℃ PPS max temperature 260℃	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	铜镀金 Brass with gold plating
接线方式	Termination	SP13:焊接, SP17:焊接/压接, SP21:焊接/螺丝压接/压接 SP13:solder,SP17:solder/crimp, SP21:solder/screw/crimp	
电缆直径	Cable outer diameter range	SP13 I :4-6MM(不标) SP13II:5-8MM SP17:6-10MM SP21 I :4.5-7MM SP21II:7-12(不标)	
防护等级	IP rating	IP68	IP67
接插次数	Mating	500次 500	500次 500
温度范围	Temperature range	-25℃+85℃	-25℃~+85℃
绝缘电阻	MΩ Insulation resistanceMΩ	2000	2000

HDSP13 Series

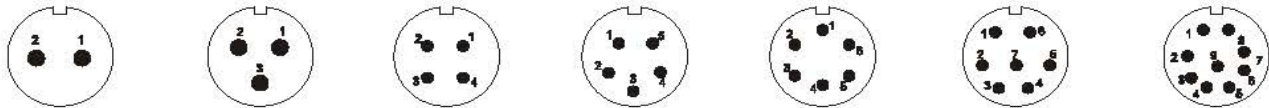
产品图片 product picture



图例/尺寸图 Figure&Drawing



芯数排列 Contact arrangement



焊接 Solder

芯件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
额定电流A Rate current(A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	400	400	400	400	250	250	250
工作电压(AC.V) Rate voltage(AC.V)	2000	2000	2000	1500	1500	1500	1500
耐压(AC.V)1min Test volage(AC.V) 1min	2000	2000	2000	2000	2000	2000	2000
接触电阻(MΩ) Contact resistance mΩ	1	1	1	1	1	1	1
线规mm ² /AWG Wire sizemm ² /AWG	2.5	2.5	2.5	2.5	2.5	2.5	2.5

IP68



IP68 Threaded coupling



材料和技术参数 Materl and spec

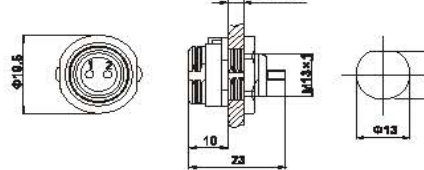
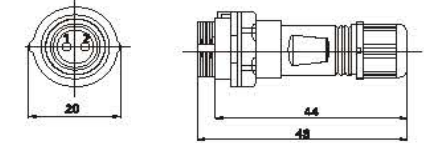
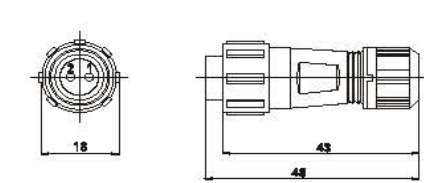
产品类型	Product model	连接器 Connector	预铸电缆连接器 Patchcord Connector
接插方式	Couling	螺纹锁紧 Threaded coupling	螺纹锁紧 Threaded coupling
外壳材料	Shell material	热塑塑料PC, PA66阻燃等级V-0,PC,Nylon66	PC,PVC,阻燃等级V-0,铝, 表面阳极处理PC,PVC,Fire resistance:V-0;Anodizing Aluminium Process
绝缘体	Insert material	热塑塑料PPS 耐高温260℃ PPS max temperature 260℃	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	铜镀金 Brass with gold plating
接线方式	Termination	SP13:焊接, SP17:焊接/压接, SP21:焊接/螺丝压接/压接 SP13:solder,SP17:solder/crimp, SP21:solder/screw/crimp	
电缆直径	Cable outer diameter range	SP13 I :4-6MM(不标) SP13II:5-8MM SP17:6-10MM SP21 I :4.5-7MM SP21II:7-12(不标)	
防护等级	IP rating	IP68	IP67
接插次数	Mating	500次 500	500次 500
温度范围	Temperature range	-25℃+85℃	-25℃~+85℃
绝缘电阻	MΩ Insulation resistanceMΩ	2000	2000

HDSP13 Series

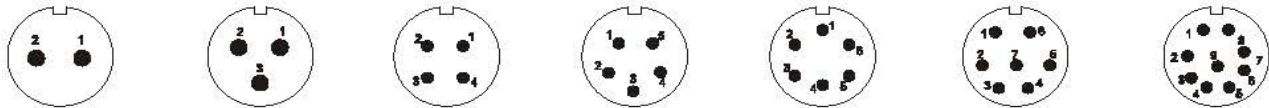
产品图片 product picture



图例/尺寸图 Figure&Drawing



芯数排列 Contact arrangement



焊接 Solder

芯件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
额定电流A Rate current(A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	400	400	400	400	250	250	250
工作电压(AC.V) Rate voltage(AC.V)	2000	2000	2000	1500	1500	1500	1500
耐压(AC.V)1min Test volage(AC.V) 1min	2000	2000	2000	2000	2000	2000	2000
接触电阻(MΩ) Contact resistance mΩ	1	1	1	1	1	1	1
线规mm ² /AWG Wire sizemm ² /AWG	2.5	2.5	2.5	2.5	2.5	2.5	2.5

HDSP21 Series

产品图片 product picture

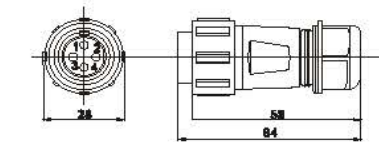


HDSP2110/P HDSP2110/S

电缆插头
Cable connector
与HDSP2111, HDSP2112, HDSP2113相配
Mate with HDSP2111, HDSP2112, HDSP2113

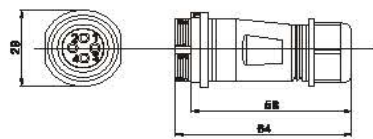
1: 焊接 (不标), 2: 螺丝压接, 3: 压接
1: solder (unmarked), 2: screw, 3: crimp
电缆外径 Cable outer diameter I: 4.5-7mm, II: 7-12mm (不标)
芯数 Number of contact

图例/尺寸图 Figure & Drawing



HDSP2111/P HDSP2111/S

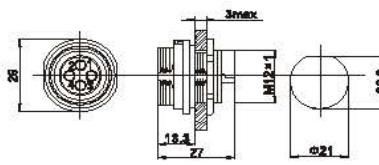
电缆对接插座
In-line cable connector
与HDSP2110相配
Mate with HDSP2110



HDSP2112/P HDSP2112/S

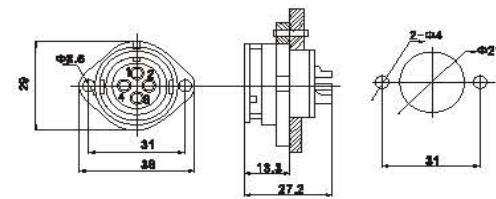
后螺母插座
Rear mount
与HDSP2110相配
Mate with HDSP2110

1: 焊接 (不标), 2: 螺丝压接, 3: 压接
1: solder (unmarked), 2: screw, 3: crimp
芯数 Number of contact



HDSP2113/P HDSP2113/S

2孔法兰插座
2-hole flange
与HDSP2110相配
Mate with HDSP2110



芯数排列 Contact arrangement



焊接 Solder

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

芯数 Number of contact	2	3	4	5	5B	5C	7	9	12
额定电流A Rate 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/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接 solder	焊接 solder	焊接 solder	焊接 solder
工作电压(AC.V) Rate 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/mm²/AWG Wire size/mm²/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

压接芯件芯数排列及技术特性表在P53~56 Crimp contact arrangement and spec see P53~56

IP67



IP67 Threaded coupling



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

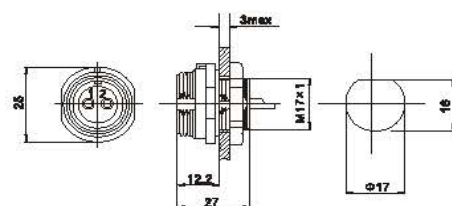
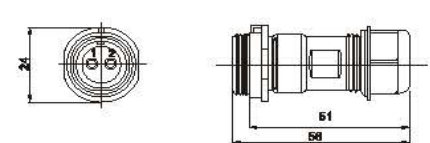
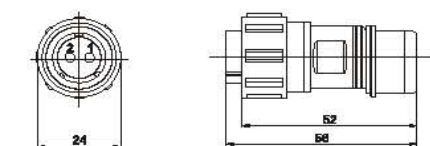
接插方式 Coupling	卡扣锁紧 Bayonet
外壳材料 Shell material	热塑塑料PC, PA66 阻燃等级V-0 PC, Nylon66, fire resistance: V-0
绝缘体 Insert material	热塑塑料PPS 耐高温260°C PPS max temperature 260°C
接触件材料 Contact material	铜镀金 Brass with gold plating
接线方式 Termination	SY13: 焊接, SY17: 焊接, SY21: 焊接/螺丝压接 SY13: solder, SY17: solder, SY21: solder/screw
电缆直径 Cable outer diameter range	SY13 I: 4-6.5MM (不标) SY13 II: 5-8MM SY17: 6-10MM SY21 I: 4.5-7MM SY21 II: 7-12 (不标)
防护等级 IP rating	IP67
接插次数 Mating	500
温度范围 Temperature range	-25°C + 85°C
绝缘电阻 MQ Insulation resistance MQ	2000

HDSP17 Series

产品图片 product picture



图例/尺寸图 Figure&Drawing



芯数排列 Contact arrangement



焊接 Solder

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

芯数 Number of contact	2	3	4	5	7	9
额定电流A Rate current(A)	10A	10A	10A	10A	10A	10A
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) Rate 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
接触电阻(MΩ) Contact resistance mΩ	2.5	2.5	5	5	5	5
线规mm²/AWG Wire sizemm²/AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

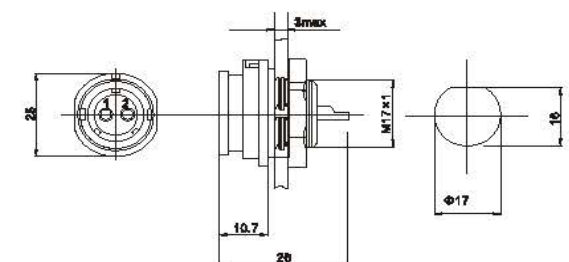
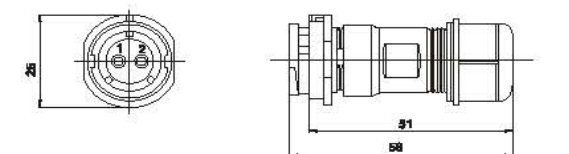
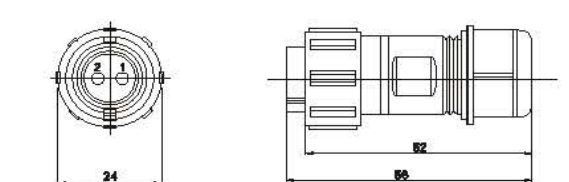
压接芯件芯数排列及技术特性表在P53~56 Crimp contact arrangement and spec see P53~56

HDSY13 Series

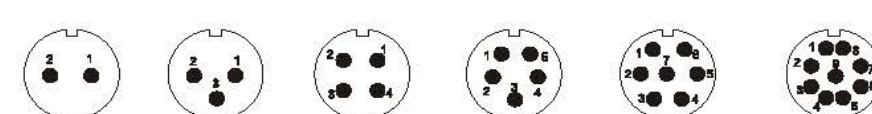
产品图片 product picture



图例/尺寸图 Figure&Drawing



芯数排列 Contact arrangement



焊接 Solder

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

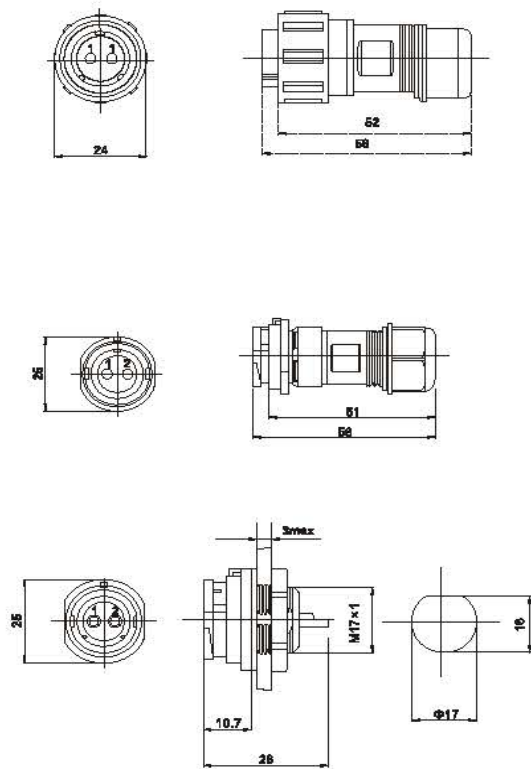
芯数 Number of contact	2	3	4	5	6	7	9
额定电流A Rate current(A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	Φ1.6×2	Φ1.6×3	Φ1×4	Φ1×5	Φ1×6	Φ1×7	Φ0.7×9
工作电压(AC.V) Rate voltage(AC.V)	250V	250V	200V	180V	125V	125V	125V
耐压(AC.V)1min Test voltage(AC.V)1min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
接触电阻(MΩ) Contact resistance mΩ	2	2	5	5	5	5	10
线规mm²/AWG Wire sizemm²/AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

HDSY17 Series

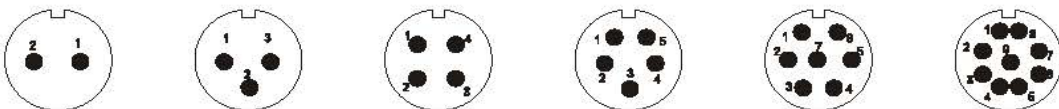
产品图片 product picture



图例/尺寸图 Figure&Drawing



芯数排列 Contact arrangement



焊接 Solder

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

芯数 Number of contact	2	3	4	5	7	9
额定电流A Rate 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) Rate voltage(AC.V)	500V	500V	500V	500V	400V	400V
耐压(AC.V)1min Test volage(AC.V)1min	1500V	1500V	1500V	1500V	1200V	1200V
接触电阻(MΩ) Contact resistance mΩ	2.5	2.5	5	5	5	5
线规mm²/AWG Wire sizemm²/AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

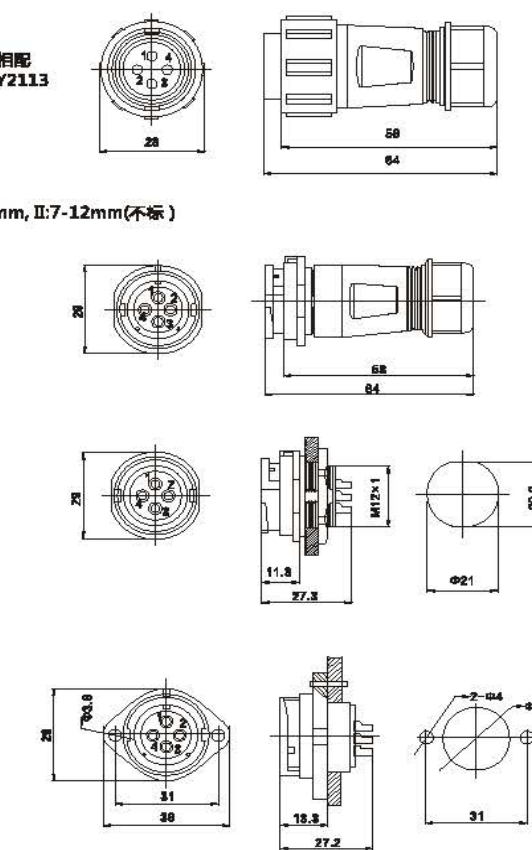
压接芯件芯数排列及技术特性表在P53~56 Crimp contact arrangement and spec see P53~56

HDSY21 Series

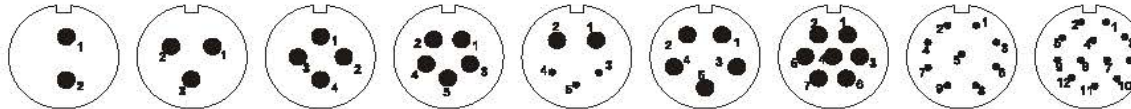
产品图片 product picture



图例/尺寸图 Figure&Drawing



芯数排列 Contact arrangement



焊接 Solder

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

芯数 Number of contact	2	3	4	5	5B	5C	7	9	12
额定电流A Rate 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/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接/螺丝压接 solder/screw	焊接 solder	焊接 solder	焊接 solder	焊接 solder
工作电压(AC.V) Rate voltage(AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	400V
耐压(AC.V)1min Test volage(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mm²/AWG Wire sizemm²/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

压接芯件芯数排列及技术特性表在P53~56 Crimp contact arrangement and spec see P53~56