

MULTI-POLE ELECTRICAL CONNECTOR

多极电连接器 > > >

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SAS120



特征 FEATURES

- 防金属指
可防止手指(或探针)接触工作中的端子
- 平扫式接触系统
可在大电流下保持最小的接触电阻
- 结构式颜色防呆
避免两个带有不同电压颜色的胶壳误插
- 辅助接触设计
电源+信号
- Finger proof
Prevents fingers (or probes) from touching terminals in operation
- Flat wiping contact system
Allow for minimal contact resistance at high current
- Error-proofing with structural colors
Prevents accidental mating of components operating at different voltage levels
- Auxiliary contacts
Power + Signals

应用领域 APPLICATIONS

本产品通过了UL、CUL、CE认证，产品可应用于AI数据中心、UPS电源、光伏、储能、充电桩、特种车辆、轨道交通、监控、叉车、电动车、房车、工业自动化及机器人等领域。

This product has passed UL&CUL&CE certification and can be used in AI data center, UPS power, Photovoltaic, Energy storage, Charging pile, Special vehicles, Rail transit, Monitoring, Forklift, Electric vehicles, RV, Industrial automation, Robotics and other fields.

技术参数 TECHNICAL PARAMETER

额定电流(安培) Rated current (Amperes)	120A	防火等级 Flammability	UI94 V-0
额定电压(AC/DC) Voltage Rating AC/DC	600V	接触电阻(毫欧) Contact resistance (milliohm)	电源Power Pin<0.5mΩ(8#) 信号Signal Pin<5mΩ(20#)
连接线径尺寸(AWG) Contact Barrel Wire Size (AWG)	电源Pin(Power Pin):6-12AWG 信号Pin(Signal Pin):24-14AWG	绝缘电阻 Insulation Resistance	≥5000MΩ
接触材料 Contact material	铜、镀银与金 copper、Plate with silver and gold	平均插拔力(牛顿) average. Connection\disconnect(N)	50-80N
绝缘材料 Insulation material	PC	端子保持力 Connector holding force (lbf)	电源Power Pin 250N Min 信号Signal Pin 22N Min
寿命/Life 空载状态(连接/断开次) Without load (Contact/Disconnect Cycles)	10,000	温度范围 Temperature Range	-20°C~105°C
		耐电压 Dielectric Withstanding Voltage	2200 Volts AC

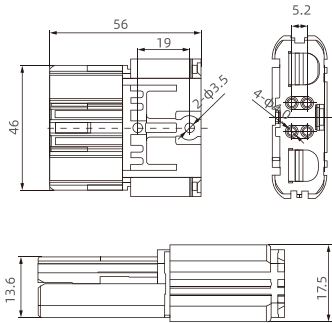
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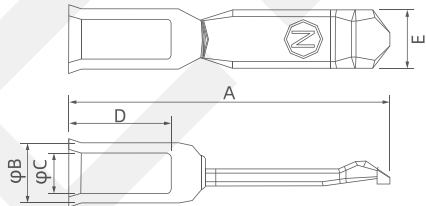
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SAS120胶壳 SAS120 HOUSING



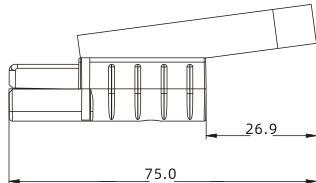
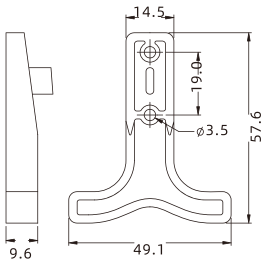
零件料号 Part Number	胶壳颜色 Housing Color
CFDD01200A	Black 黑色
CFDD01201A	Brown 棕色
CFDD01202A	Red 红色
CFDD01203A	Orange 橙色
CFDD01204A	Yellow 黄色
CFDD01205A	Green 绿色
CFDD01206A	Blue 蓝色
CFDD01207A	Purple 紫色
CFDD01208A	Gray 灰色
CFDD01209A	White 白色

压线端子 TERMINAL



零件料号 Part number	-A- (mm)	-B- (mm)	-C- (mm)	-D- (mm)	-E- (mm)	线径 Wire	电镀 Plating
C.T.DC1200B	37.8	7.0	5.6	12.0	8.8	6 AWG	银 Ag
C.T.DC1201B	37.8	7.0	4.7	12.0	8.8	8 AWG	银 Ag
C.T.DC1203B	37.8	7.0	3.5	12.0	8.8	10&12 AWG	银 Ag

拉手 HANDLE



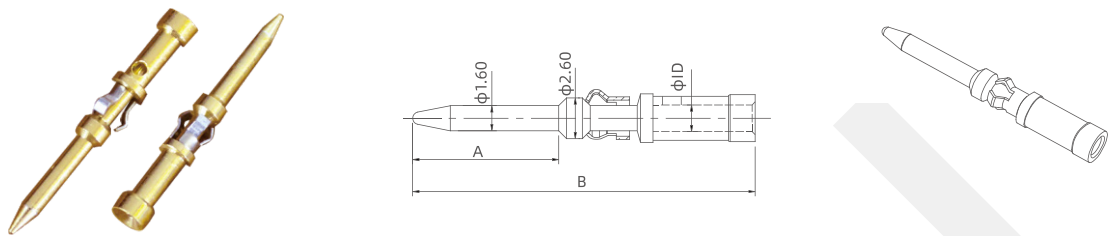
名称 Product name	零件料号 Part number	用量 Use level
拉手 Handle	PA112G1-X (0 2 8)	1 PCS
螺丝 Screw	G.A.A0401701 (M4x17.5)	2 PCS

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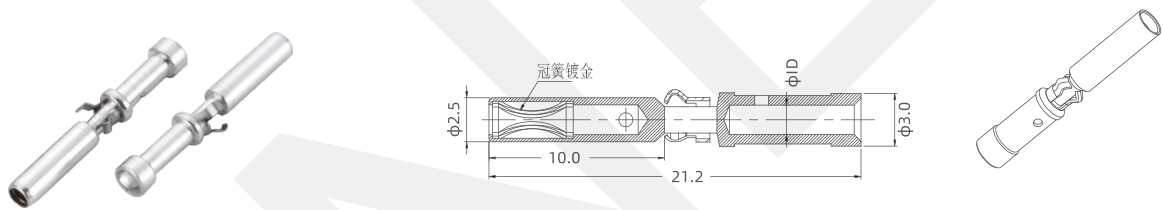
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插针 CONTACT PIN



零件料号 Part number	Terminal Type	-A- (mm)	-B- (mm)	-ID- (mm)	线径 Wire
F.LJ.SAS12046BL	长型 Long	9.3	21.8	1.1	24/20 AWG
F.LJ.SAS12047BL	长型 Long	9.3	21.8	1.7	20/16 AWG
F.LJ.SAS12048BL	长型 Long	9.3	21.8	2.1	16/14 AWG

插孔 SOCKET



零件料号 Part number	-ID- (mm)	线径 Wire
F.LJ.DC049B-1	1.1	24/20 AWG
F.LJ.DC050B-1	1.7	20/16 AWG
F.LJ.DC051B-1	2.1	16/14 AWG