

RoHS 2.0



产品安装视频

PRODUCT INSTALLATION VIDEO

技术要求:

TECHNICAL REQUIREMENTS:

1.材料: 所有材质均符合ROHS2.0要求;

.MATERIAL:ALL MATERIALS ARE ROHS2.0 COMPLIANT;

.绝缘件:高性能工程塑料;防火等级:UL94V-0;

.INSULATOR PARTS:HIGH-PERFORMANCE ENGINEERING PLASTICS; FLAME CLASS:UL94V-0;

.金属件:锌合金

.METAL PARTS:ZINC-ALLOY

.接触件:公针 铜合金镀金: 4U" MIN

CONTACT PARTS : MALE PIN:COPPER ALLOY

GOLD PLATED: 4U" MIN.

.密封件:高弹性工程材料

.SEALING PARTS:HIGH ELASTIC ENGINEERING MATERIAL

2.电气特性:

.ELECTRICAL CHARACTERISTICS

.额定电流/额定电压/耐高压见表1:

CURRENT/VOLATAGE RATING/D.W.V SEE TABLE 1

.绝缘阻抗 INSULATION RESISTANCE:500MΩ MIN.

.接触电阻 CONTACT RESISTANCE : 1mΩ MAX.

.温升/TEMPERATURE RISE:30K MAX.

3.机械特性/MECHANICAL CHARACTERISTICS :

.插拔寿命/MATING CYCLES:500 TIMES MIN.

.保持力:500N MIN(插头插座锁紧后,不含线缆)

.RETENTION FORCE:500N MIN.

(WHEN THE PLUG AND RECEPTACLE ARE LOCKED, NO CABLE IS CONTAINED)

4.环境特性/ENVIRONMENT CHARACTERISTICS:

.盐雾/SALT SPRAY:72H MIN.

.工作温度:-25°C~+105°C

.OPERATING TEMPERATURE:-25°C~+105°C

.防水等级:IP67 标品/IP68 可选(对插后)

.IP:IP67 STANDARD/IP68 OPTIONAL (WHEN MATED)

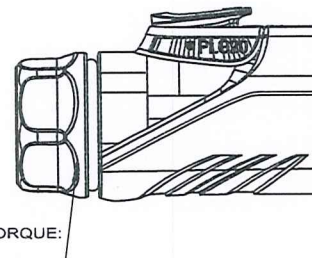
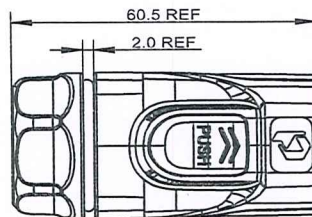
5.设计参考标准/DESIGN REFERENCE STANDARD:

.UL1977 UL2238 IEC61984

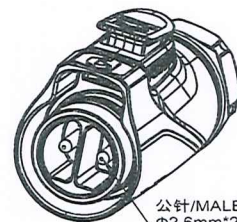
6.外观参照PLUGOOD外观标准.

.APPEARANCE REFER TO THE PLUGOOD

APPEARANCE STANDARD;



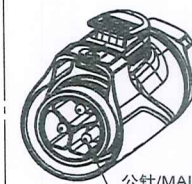
安装扭矩/
MOUNTING TORQUE:
2-3N.m



公针/MALE PIN
Φ2.6mm*2



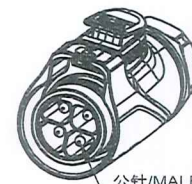
2芯/2P



公针/MALE PIN
Φ2.6mm*3



3芯/3P

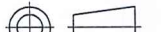






公针/MALE PIN
Φ2.6mm*4



4芯/4P

表1/TABLE 1

序号 NO	料号 P/N	产品名称 PRODUCT NAME	额定电流 CURRENT RATING	额定电压 VOLATAGE RATING	耐高压 D.W.V	适用线径/ APPLICABLE WIRE DIAMETER	尾部锁线OD LOCK WIRE OD	公针 MALE PIN	模块 SOLDERING (MALE)	一般公差 GENERAL TOLERANCES X.X ±0.15 X.X ±2° X.X X ±0.10 X.X X ±1°	 第三视角 THIRD ANGLE PROJECTION	 东莞市普乐固技术有限公司 Dongguan Plugood Technology Co., Ltd				
1	PLG20502304	PLG20 2芯直头插头	20A	500V AC	2500V AC	2.5SQ	9.5~11.5mm	2xΦ2.6		工艺 PROC	日期 DATE	9.18/25	页次 SHEET	1/1	产品名称 PRODUCT NAME	见表1 SEE TABLE 1
	PLG20502306	PLG20 2P STRAIGHT PLUG				12AWG	7.5~9.5mm			Barry	2025.9.18	版本 REV	1-2			
2	PLG20503304	PLG20 3芯直头插头	20A	500V AC	2500V AC	12AWG/2.5SQ	9.5~11.5mm	3xΦ2.6		制图 DRAWN	日期 DATE	2025.9.18	比例 SCALE	1:1	料 号 P/N	见表1 SEE TABLE 1
		PLG20 3P STRAIGHT PLUG								审核 CHECK	日期 DATE	9.18/25	图 号 DWG. NO.	PLG20502304		
3	PLG20504301	PLG20 4芯直头插头	20A	500V AC	2500V AC	2.5SQ	9.5~11.5mm	4xΦ2.6		批准 APP'D	日期 DATE	9.18	单位 UNIT	mm		
	PLG20504302	PLG20 4P STRAIGHT PLUG				12AWG	11.5~13.0mm									