

RoHS 2.0

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;
- .绝缘体:高性能工程塑料;防火等级:UL94V-0;
- .INSULATOR: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;母针:铜合金镀金
- .CONTACTS:
- .MALE PIN: COPPER ALLOY、GOLD PLATED;
- .FEMALE PIN: COPPER ALLOY、GOLD PLATED;
- .密封胶:高弹性工程材料
- .SEALING PARTS: HIGH ELASTIC ENGINEERING MATERIAL

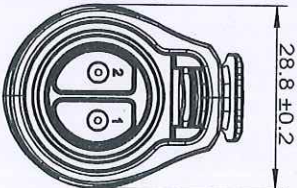
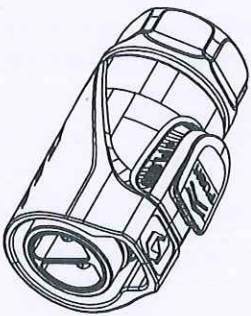
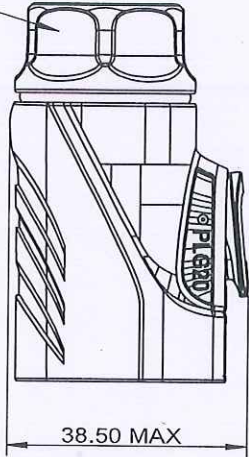
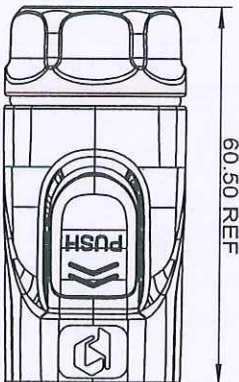
2.电气特性:

- .ELECTRICAL CHARACTERISTICS
- .额定电流/CURRENT RATING:30A(10AWG)/25A(12AWG/4SQ)
- .额定电压/VOLTAGE RATING:500V AC
- .耐高压/D.V.V.:2500V AC;
- .温升/TEMPERATURE RISE:30K MAX
- .适用线径/APPLICABLE WIRE DIAMETER: 12AWG-10AWG/4 SQ

- 3.机械特性/MECHANICAL CHARACTERISTICS :
 - .插拔寿命/MATING CYCLES:500次 MIN
 - .保持力:500N MIN(插头插座锁紧后,不含线缆)
 - .RETENTION FORCE:500N MIN
- 4.环境特性/ENVIRONMENT CHARACTERISTICS:
 - (WHEN THE PLUG RECEPTACLE ARE LOCKED, NO CABLE IS CONTAINED)

- 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.

版本 REV	ECN 编号 ECN NO.	描述 DESCRIPTION	申请人 APPLICANT	日期 DATE
1-1	/	初版 INITIAL	DVC	2025/3/18



安装扭矩/
MOUNTING TORQUE:
2-3N.m

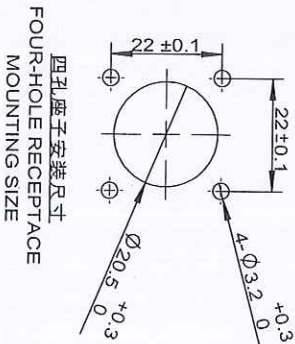
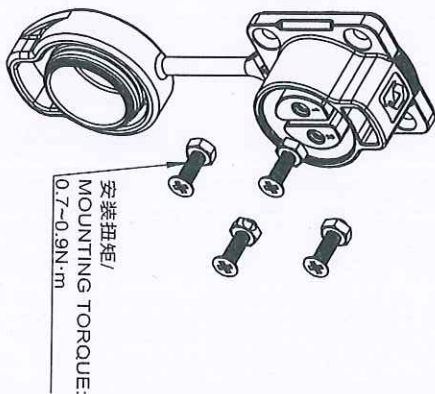
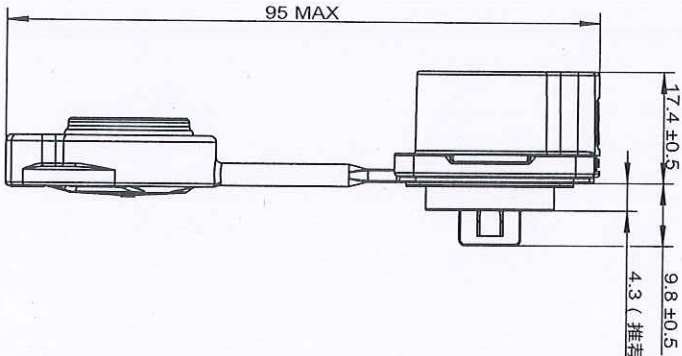
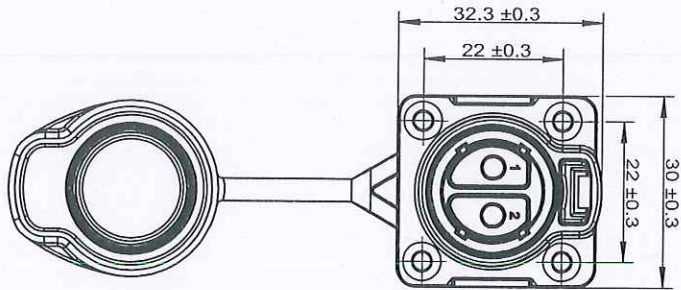
GENERAL TOLERANCES		THIRD ANGLE PROJECTION		Dongguan Plugood Technology Co., Ltd	
XX	±0.15	XX	±2°	XX	±1°
XX	±0.10	XX	±1°		
工艺 PROC	XRH	日期 DATE	2025.3.18	页次 SHEET	1/2
制图 DRAWN	张俊成	日期 DATE	2025.3.18	版本 REV	1-1
审核 CHECK	张俊成	日期 DATE	2025.3.18	比例 SCALE	1.25:1
批准 APPD	张俊成	日期 DATE	2025.3.18	单位 UNIT	mm
				产品名称 PRODUCT NAME	PLG20 2芯直头插头
				料号 P/N	PLG20802384
				图号 DWG. NO.	PLG20802384

1 2 3 4 5 6 7 8

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. 插拔寿命/MATING CYCLES: 500次 MIN
 - . 保持力: 500N MIN(插头插座锁紧后, 不含线缆)
 - . RETENTION FORCE: 500N MIN
 - (WHEN THE PLUG RECEPTACLE ARE LOCKED, NO CABLE IS CONTAINED)
 4. 环境特性/ENVIRONMENT CHARACTERISTICS:
. 盐雾/SALT SPARY: 72H MIN.
 - . 工作温度: -25C~+105°C
 - . OPERATING TEMPERATURE: -25C~+105°C
 - . 防水等级: IP67/IP68(对插后)
. IP: IP67/IP68 (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.



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1-1	/	初版 INITIAL	DYC	2025/3/18

一般公差		第三视角		东莞市普乐固技术有限公司 Dongguan Plugood Technology Co., Ltd	
GENERAL TOLERANCES	XXX ±0.15	XXX ±0.10	XXX ±1*		
工艺 PROC	YRH	日期 DATE	2025.3.18	页次 SHEET	2/2
制图 DRAWN	郑俊成	日期 DATE	3/18/2025	版本 REV	1-1
审核 CHECK	郑俊成	日期 DATE	3.18/25	比例 SCALE	1:25:1
批准 APPD	郑俊成	日期 DATE	3.18/25	料号 P/N	PLG20802384
				图号 DWG. NO.	PLG20802384

1 2 3 4 5 6 7 8