

I. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55°C~150°C
 Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)
 Salt Spray Corrosion/盐雾 : 96hr

Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+
 Cable/配接电缆: Ø8.1mm-Ø9.0mm

2. 电气性能

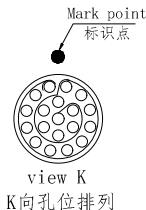
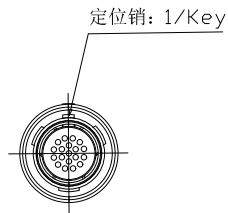
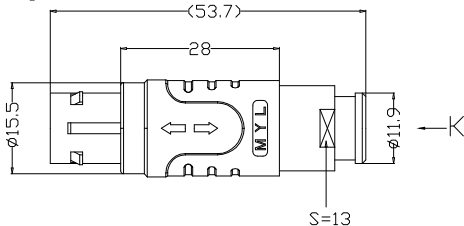
Insert Configuration/针芯配置:2BP.319 19Low Voltage
 Pin Size/接触件直径:Ø0.7mm
 Contact resistance接触电阻: ≤12.5mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:950V(AC)
 Rated working current额定工作电流:5.0A

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级 : IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图



DRAWN BY: 绘图:PD03 2024.05.28
 CHECKED BY: 审核:Z01 2024.05.28
 APPROVED BY: 核准:PD05 2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)
 ≤10 ±0.1
 <10° ≤20 ±0.15
 <20° ≤50 ±0.3
 Angle ±1°



单位 UNT: mm	名称 PART NAME	TG-2BP直式插头(带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
比例 SCALE: 1: 1	型号 PART NAME	
尺寸 SIZE: M4	型号 PART NAME	TGG. 2BP. 319. KWLAD92Z
REV/版本 A1	SHEET: 1 OF 1	