

1) 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: ϕ 2.1mm- ϕ 3.0mm

2. 电气性能

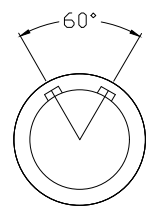
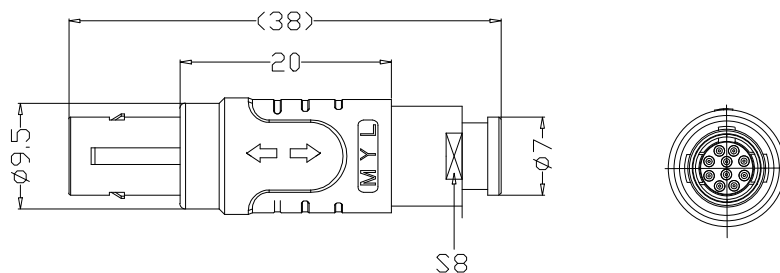
Insert Configuration/针芯配置:0BP.310 10Low Voltage
 Pin Size/接触件直径: ϕ 0.5mm
 Contact resistance接触电阻: \leq 15m Ω
 Insulation resistance/绝缘电阻:5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压:600V(AC)
 Rated working current额定工作电流:2.0A

Other Specification/其它规格:

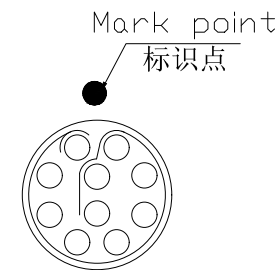
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

*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



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY: 绘图:PD03 2024.05.28 CHECKED BY: 审核:Z01 2024.05.28 APPROVED BY: 核准:PD05 2024.05.28	美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.	单位 UNT: mm	名称 PART NAME	TG-OBP直式插头(带护套式尾帽) TG-OBP Straight Plug (with jacketed tail cap)
GENERAL TOLERANCE (UNLESS SPECIFIED) \leq 10 \pm 0.1 $<$ 10~ \leq 20 \pm 0.15 $<$ 20~ \leq 50 \pm 0.3 Angle \pm 1°		FIRST ANGLE PROJECTION	比例 SCALE: 1: 1	
REV/版本 A1	https://www.mylconnector.com/	SIZE: A4 SHEET: 1 OF 1	型号 PART NAME TGB. OBP. 310. KWKAD32Z	型号 PART NAME TGB. OBP. 310. KWKAD32Z