

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:  $\phi 2.4\text{mm}-\phi 3.3\text{mm}$

2. 电气性能

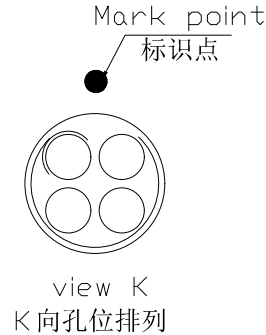
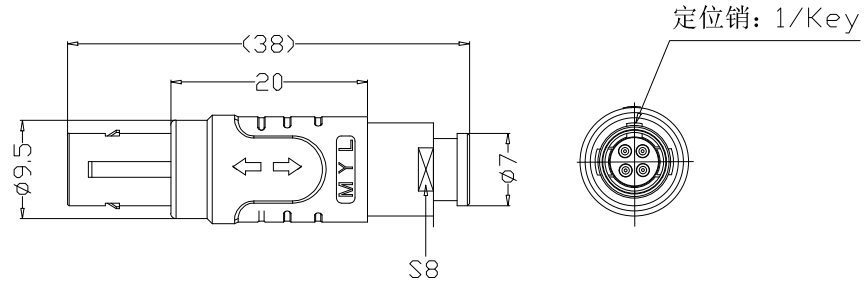
Insert Configuration/针芯配置:OBP.304 4Low Voltage  
 Pin Size/接触件直径: $\phi 0.7\text{mm}$   
 Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:850V(AC)  
 Rated working current额定工作电流:7.0A

Other Specification/其它规格:

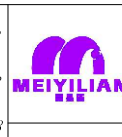
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*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

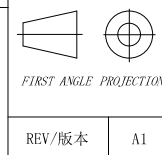


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 绘图:PD03 2024.05.28  
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 APPROVED BY:  
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GENERAL TOLERANCE  
 (UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10 \sim \leq 20 \pm 0.15$   
 $< 20 \sim \leq 50 \pm 0.3$   
 Angle  $\pm 1^\circ$



单位  
 UNIT: mm  
 比例  
 SCALE: 1:1  
 型号  
 SIZE: AA  
 SHEET: 1 OF 1

名称  
 PART NAME  
 型号  
 PART NAME

TG-OBP直式插头(带护套式尾帽)  
 TG-OBP Straight Plug  
 (with jacketed tail cap)  
 TGG. OBP. 304. KWKAD35Z