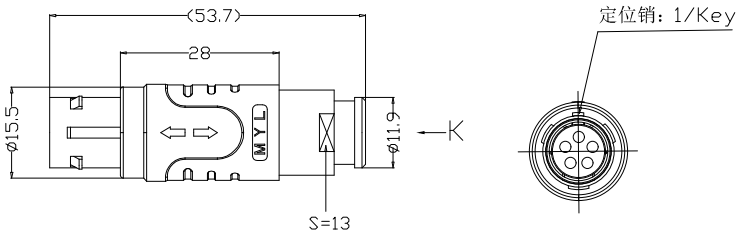


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$
 Humidity(max)/最大潮湿: $\leq 95\%$ [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: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$
 Shock Resistance/冲击: $100\text{g}[6\text{ms}]$
 Endurance (Shell)/机械寿命: 5000+
 Cable/配接电缆: $\phi 7.1\text{mm} - \phi 8.0\text{mm}$



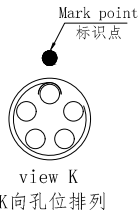
2. 电气性能

Insert Configuration/针芯配置: 2BP.305 5Low Voltage
 Pin Size/接触件直径: $\phi 1.3\text{mm}$
 Contact resistance/接触电阻: $\leq 5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 1750V(AC)
 Rated working current/额定工作电流: 14.0A


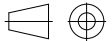
Other Specification/其它规格:

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.



view K
K向孔位排列

| | | | | | |
|---|----|--|------------------------------------|--------------------|--|
| DRAWN BY: 绘图: PDD03 2024.05.28 | |  美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd. | | | |
| CHECKED BY: 审核: Z01 2024.05.28 | | | | | |
| APPROVED BY: 核准: PDD05 2024.05.28 | | | | | |
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |  FIRST ANGLE PROJECTION | 单位 UNITS: mm 名称 PART NAME | TG-2BP直式插头(带护套式尾帽) | |
| $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$ | | | 比例 SCALE: 1:1 尺寸 SIZE: A4 | 型号 PART NAME | TG-2BP Straight Plug (with jacketed tail cap) |
| REV/版本 | A1 | SHEET: 1 OF 1 | | 型号 PART NAME | TGG. 2BP. 305. KWLAD8Z2 |