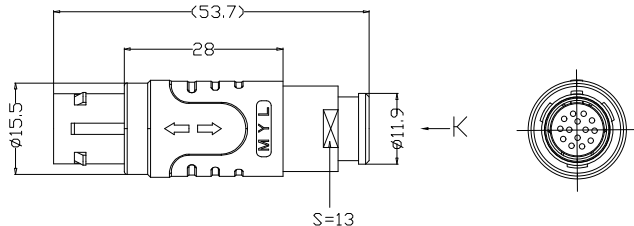


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃
 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: $\phi 3.1\text{mm}-\phi 4.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 2BP.314 14Low Voltage
 Pin Size/接触体直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐压: 1150V(AC)
 Rated working current额定工作电流: 6.5A

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.



Plug front view
插头前视图

view K
K向孔位排列

DRAWN BY: 绘图: PDD3 2024.05.28 CHECKED BY: 审核: ZOI 2024.05.28 APPROVED BY: 核准: PDD3 2024.05.28	 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.		
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^\circ \sim 20^\circ \pm 0.15$ $< 20^\circ \sim 50^\circ \pm 0.3$ Angle $\pm 1^\circ$	 FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME 型号 PART NAME	TG-2BP直式插头(带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
	REV/版本 A1	尺寸 SIZE: A4 SHEET: 1 OF 1	型号 TGA. 2BP. 314. KWLAD42Z