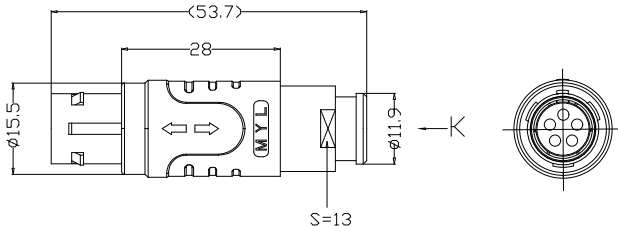


1. Product main performance / 产品主要性能指标:

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: 15g [10Hz ~ 2000Hz]
 Shock Resistance / 冲击: 100g [6ms]
 Endurance (Shell) / 机械寿命: 5000+
 Cable / 配接电缆: $\phi 4.1\text{mm} - \phi 5.0\text{mm}$



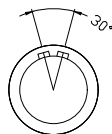
2. 电气性能

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: 5000M Ω (测试电压500V (DC))
 Withstand voltage / 耐压: 1750V (AC)
 Rated working current / 额定工作电流: 14.0A

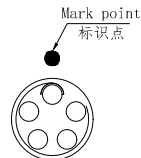
Other Specification / 其它规格:

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: PEEK
 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

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

DRAWN BY: 绘图: P003 2024.05.28 CHECKED BY: 审核: Z01 2024.05.28 APPROVED BY: 核准: P005 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) $\leq 10 \pm 0.1$ $< 10 \sim \leq 20 \pm 0.15$ $< 20 \sim \leq 50 \pm 0.3$ Angle $\pm 1^{\circ}$		单位: mm 比例: 1:1 SCALE: 1:1 SIZE: A4 FIRST ANGLE PROJECTION	名称: TGA-2BP直式插头(带护套式尾帽) PART NAME: TG-2BP Straight Plug (with jacketed tail cap)
REV/版本: A1	SHEET: 1 OF 1	型号: TGA. 2BP. 305. KWKAD52Z	PART NAME: