

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: $\phi 7.1\text{mm}-\phi 8.0\text{mm}$

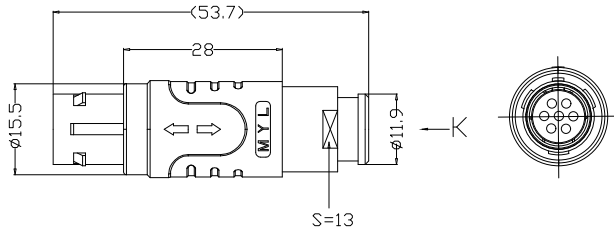
2. 电气性能

Insert Configuration/针芯配置:2BP.307 7Low 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/耐电压:1750V(AC)
 Rated working current额定工作电流:11.0A

Other Specification/其它规格:


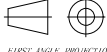
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质 : 铜镀镍
 Insulator material/绝缘体材料 : PEEK
 IP Rating/防护等级 : IP50
 *ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

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



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:ZD1 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.		
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10 \sim \leq 20 \pm 0.15$ $< 20 \sim \leq 50 \pm 0.3$ Angle $\pm 1^\circ$	 FIRST ANGLE PROJECTION	单位 UNIT: mm 比例 SCALE: 1:1	名称 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: NA SHEET: 1 OF 1	型号 PART NAME TGA.2BP.307.KWKAD82Z