

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: Ø9.1mm-Ø10.0mm

2. 电气性能

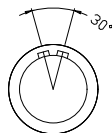
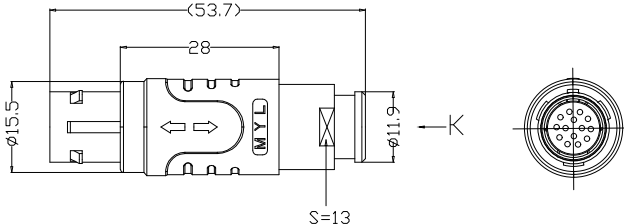
Insert Configuration/针芯配置:2BP.314 14Low Voltage
 Pin Size/接触件直径:Ø0.7mm
 Contact resistance接触电阻:≤12.5mΩ
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))
 Withstand voltage/耐电压:1150V(AC)
 Rated working current额定工作电流:6.5A

Other Specification/其它规格:

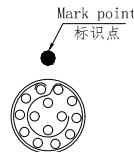
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK

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

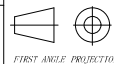
REV/版本号	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

DRAWN BY:
绘图:FD03 2024.05.28
 CHECKED BY:
审核:Z01 2024.05.28
 APPROVED BY:
核准:FD05 2024.05.28



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GENERAL TOLERANCE
(UNLESS SPECIFIED)
 ≤10 ±0.1
 <10~≤20 ±0.15
 <20~≤50 ±0.3
 Angle ±1°



FIRST ANGLE PROJECTION

REV/版本 A1

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)

TGA.2BP.314.KWKAD102Z