

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: ϕ 7.1mm- ϕ 8.0mm

2. 电气性能

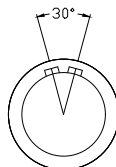
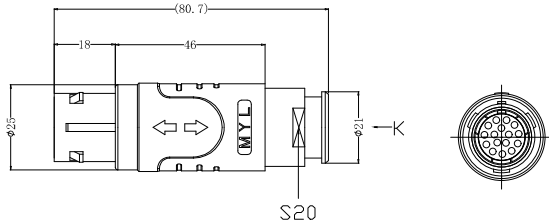
Insert Configuration/针芯配置: 4BP.316 16Low Voltage
 Pin Size/接触件直径: ϕ 0.9mm
 Contact resistance接触电阻: \leq 4m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1350V(AC)
 Rated working current额定工作电流: 10.0A

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/绘图



Plug front view
插头前视图



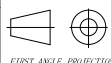
view K
K向孔位排列

DRAWN BY: 绘图: P003 2024.05.28
 CHECKED BY: 审核: Z01 2024.05.28
 APPROVED BY: 批准: P005 2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)
 \leq 10 \pm 0.1
 $<10^\circ \leq$ 20 \pm 0.15
 $<20^\circ \leq$ 50 \pm 0.3
 Angle \pm 1°



FIRST ANGLE PROJECTION

单位 UNIT: mm
 比例 SCALE: 1:1
 型号 SIZE: A4
 REV/版本 A1
 SHEET: 1 OF 1

名称 PART NAME TG-4BP直式插头(带护套式尾帽)
 TG-4BP Straight Plug (with jacketed tail cap)
 型号 PART NAME TGG.4BP.316.KWKAD82Z