

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 11.1mm- ϕ 12.0mm

2. 电气性能

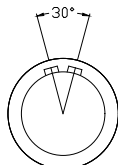
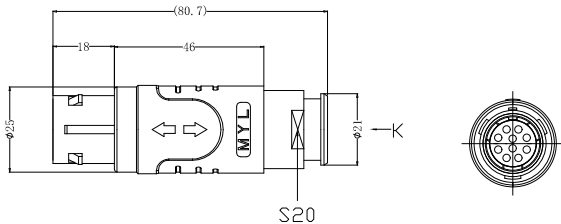
Insert Configuration/针芯配置: 4BP, 310 10Low Voltage
 Pin Size/接触件直径: ϕ 1.6mm
 Contact resistance接触电阻: \leq 4m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1850V(AC)
 Rated working current额定工作电流: 17.0A

Other Specification/其它规格:

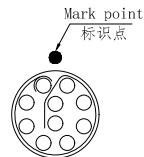
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级 : IP50

*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



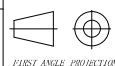
view K
K向孔位排列

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



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



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1
SIZE: A4

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	TGA. 4BP. 310. KWLAD122Z

REV/版本	A1
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SHEET: 1 OF 1