

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 13.1mm- ϕ 14.0mm

2. 电气性能

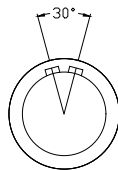
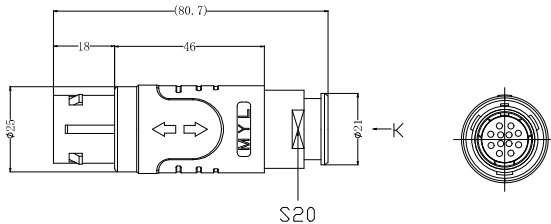
Insert Configuration/针芯配置:4BP.312 12Low Voltage
 Pin Size/接触件直径: ϕ 1.3mm
 Contact resistance接触电阻: \leq 4m Ω
 Insulation resistance/绝缘电阻:5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压:1450V(AC)
 Rated working current额定工作电流:12.0A

Other Specification/其它规格:

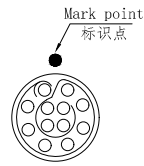
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级 : IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/制图



Plug front view
插头前视图



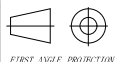
view K
K向孔位排列

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)
 ≤ 10 ± 0.1
 $< 10^\circ \leq 20$ ± 0.15
 $< 20^\circ \leq 30$ ± 0.3
 Angle $\pm 1^\circ$



FIRST ANGLE PROJECTION

REV/版本

A1

单位
UNT: mm
比例
SCALE: 1:1
尺寸
SIZE: A4
SHEET: 1 OF 1

名称
PART NAME
型号
PART NAME

TG-4BP直式插头(带护套式尾帽)
 TG-4BP Straight Plug
 (with jacketed tail cap)

TGA.4BP.312.KWKAD142Z