

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

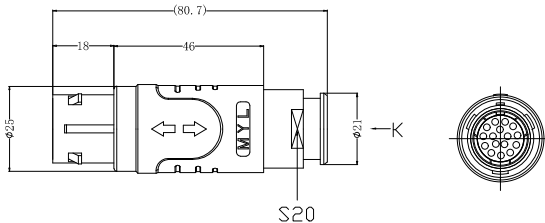
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: $\phi 7.1\text{mm} \times \phi 8.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 4BP, 316 16Low Voltage

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 4\text{m}\Omega$

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

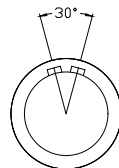
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质 : 铜镀镍

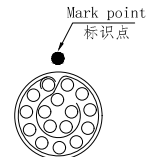
Insulator material/绝缘体材料: PPS

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

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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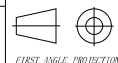
GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10^\circ \leq 20 \pm 0.15$

$< 20^\circ \leq 50 \pm 0.3$

Angle $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位
UNIT: mm

名称
PART NAME

比例
SCALE: 1: 1

型号
PART NAME

REV/版本
A1

SHEET: 1 OF 1

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

TGG. 4BP. 316. KWLAD82Z