

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

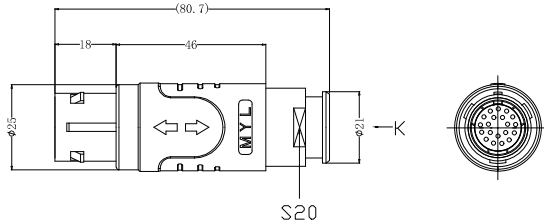
Mechanical data/机械特性:

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. 320 20Low Voltage

Pin Size/接触件直径: ϕ 0.9mm

Contact resistance接触电阻: \leq 9m 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: 8.0A

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

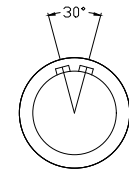
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质: 铜镀镍

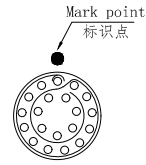
Insulator material/绝缘体材料: PPS

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

REV/版本	DESCRIPTION/款式内容	DATE/日期	DRAWN BY/制图

DRAWN BY:
绘图: PD03 2024.05.28
CHECKED BY:
审核: Z01 2024.05.28
APPROVED BY:
核准: PD03 2024.05.28

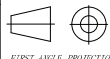


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GENERAL TOLERANCE
(UNLESS SPECIFIED)

\leq 10 \pm 0.1
<10° \leq 20 \pm 0.15
<20° \leq 50 \pm 0.3
Angle \pm 1°



FIRST ANGLE PROJECTION

REV/版本 A1

单位
UNIT: mm

比例
SCALE: 1:1

图号
SIZE: A1

图号
SHEET: 1 OF 1

名称
PART NAME

名称
PART NAME

型号
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)

TGG. 4BP. 320. KWLAD122Z