

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

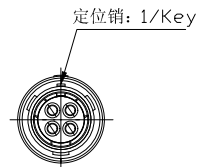
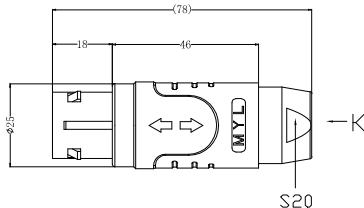
Mechanical data/机械特性:

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. 304 4Low Voltage

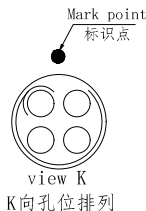
Pin Size/接触体直径: ϕ 3.0mm

Contact resistance接触电阻: \leq 3m Ω

Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐电压: 2100V(AC)

Rated working current额定工作电流: 30.0A



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

DRAWN BY:
绘图: P003 2024.05.28
CHECKED BY:
审核: Z01 2024.05.28
APPROVED BY:
核准: F005 2024.05.28



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



FIRST ANGLE PROJECTION

REV/版本 A1

单位

UNT: mm

比例

SCALE: 1:1

SIZE: A4

SHEET: 1 OF 1

名称

PART NAME

型号

PART NAME

TG-4BP直式插头(不带护套式尾帽)
TG-4BP Straight Plug
(without jacketed tail cap)

TGG. 4BP. 304. KWLAD142