

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

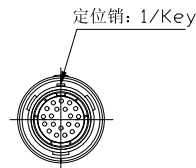
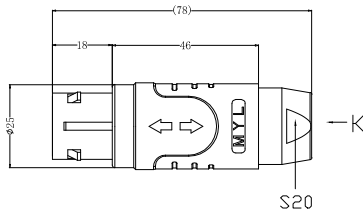
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: $\phi 13.1\text{mm}-\phi 14.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 4BP. 320 20Low Voltage

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 9\text{m}\Omega$

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: 8.0A

Other Specification/其它规格:

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

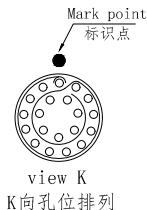
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质 : 铜镀镍

Insulator material/绝缘体材料 : PEEK

IP Rating/防护等级 : IP50

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



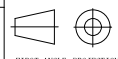
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DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P005	2024. 05. 28



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GENERAL TOLERANCE (UNLESS SPECIFIED)	≤10 ±0.1 <10° ≤20 ±0.15 <20° ≤50 ±0.3 Angle ±1°
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FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME
比例 SCALE: 1: 1	型号 PART NAME
SIZE: A4	
REV/版本 A1	SHEET: 1 OF 1

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

型号
TGG. 4BP. 320. KWKAD142