

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55°C~150°C
 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 14.5mm- ϕ 15.4mm

2. 电气性能

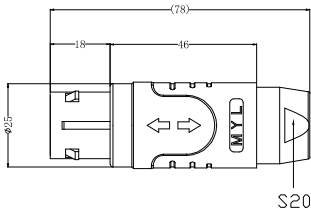
Insert Configuration/针芯配置: 4BP. 312 12Low Voltage
 Pin Size/接触件直径: ϕ 1.3mm
 Contact resistance接触电阻: \leq 4m Ω
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1450V(AC)
 Rated working current额定工作电流: 12.0A

Other Specification/其它规格:

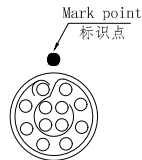
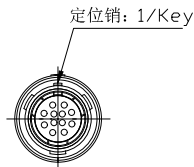
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

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

| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |



S20



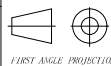
view K
K向孔位排列

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|--------------------------|------------|
| DRAWN BY: 绘图: PD03 | 2024.05.28 |
| CHECKED BY: 审核: Z01 | 2024.05.28 |
| APPROVED BY: 核准: PD05 | 2024.05.28 |



美易连电子科技(深圳)有限公司
Meiyilian electronic technology (shenzhen) Co., Ltd.

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



FIRST ANGLE PROJECTION

| | | |
|------------------|-----------|-----------------------------------------------------|
| 单位 UNIT: mm | 名称 | TG-4BP直式插头(不带护套式尾帽) |
| 比例 SCALE: 1:1 | PART NAME | TG-4BP Straight Plug (without jacketed tail cap) |
| 尺寸 SIZE: A4 | 型号 | TGG. 4BP. 312. KWKAD156 |
| REV/版本 | A1 | SHEET: 1 OF 1 |

| | |
|-----------|-----------------------------------------------------|
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