

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$

Humidity(max)/最大潮湿: $\leq 95\%$ [at 60°C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

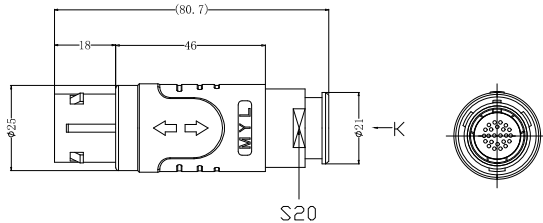
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 10.1\text{mm}-\phi 11.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 4BP. 324 24Low Voltage

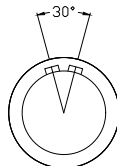
Pin Size/接触件直径: $\phi 0.9\text{mm}$

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

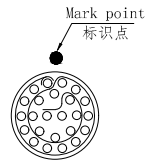
Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))

Withstand voltage/耐电压: 1200V(AC)

Rated working current额定工作电流: 7.0A



Plug front view
插头前视图



view K
K向孔位排列

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.

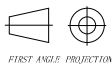
| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
| | | | |

| | |
|--------------------------|--------------|
| DRAWN BY: 绘图: P003 | 2024. 05. 28 |
| CHECKED BY: 审核: Z01 | 2024. 05. 28 |
| APPROVED BY: 批准: P005 | 2024. 05. 28 |



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

| | |
|---|-----------------|
| GENERAL TOLERANCE (UNLESS SPECIFIED) | |
| ≤ 10 | ± 0.1 |
| $10 \sim \leq 30$ | ± 0.15 |
| $30 \sim \leq 50$ | ± 0.3 |
| Angle | $\pm 1^{\circ}$ |



FIRST ANGLE PROJECTION

| | | |
|-------------------|--------------------------|--|
| 单位 UNIT: mm | 名称 PART NAME | TG-4BP 直式插头 (带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap) |
| 比例 SCALE: 1: 1 | | |
| 型号 PART NAME | TGG. 4BP. 324. KWKAD112Z | |

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|--------|----|---------------|
| REV/版本 | A1 | SHEET: 1 OF 1 |
|--------|----|---------------|