

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: $<=95\%$ [at 60 deg C / 140 F]

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

Salt Spray Corrosion/盐雾: 96hr

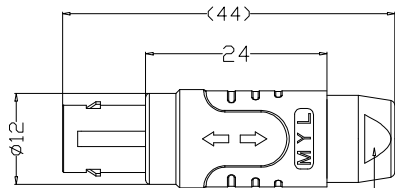
Mechanical data/机械特性:

Vibration/振动: 15g [10Hz~2000Hz]

Shock Resistance/冲击: 100g [6ms]

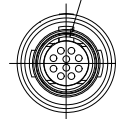
Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\Phi 2.4\text{mm} - \Phi 3.3\text{mm}$



S=9

定位销: 1/Key



2. 电气性能

Insert Configuration/针芯配置: 1BP, 310 10Low Voltage

Pin Size/接触件直径: $\Phi 0.5\text{mm}$

Contact resistance接触电阻: $\leq 15\text{m}\Omega$

Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V (DC))

Withstand voltage/耐电压: 900V (AC)

Rated working current额定工作电流: 2.5A

Mark point

标识点



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: 铜镀银

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.

| | |
|--------------------------|------------|
| 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 |
| $< 10^{\circ} \leq 20$ | ± 0.15 |
| $< 20^{\circ} \leq 30$ | ± 0.3 |
| Angle | $\pm 1^{\circ}$ |

| | | | |
|------------------------|------------------|-----------------|--|
| FIRST ANGLE PROJECTION | 单位 UNIT: mm | 名称 PART NAME | TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap) |
| | 比例 SCALE: 1:1 | | |
| | 型号 PART NAME | | |
| REV/版本 | A1 | SHEET: 1 OF 1 | |

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<https://www.myconnector.com/>

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<https://www.myconnector.com/>

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