

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

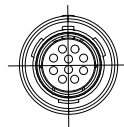
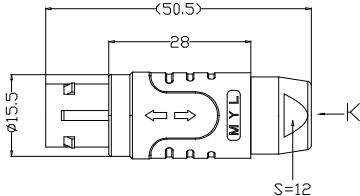
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: $\phi 6.1\text{mm}-\phi 7.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 2BP. 310 10Low Voltage

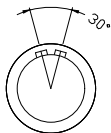
Pin Size/接触件直径: $\phi 0.9\text{mm}$

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: 1450V(AC)

Rated working current额定工作电流: 8.0A



Plug front view
插头前视图



view K
K到孔位排列

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 |
|--------|------------------|---------|-------------|
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|-------------------------|------------|
| DRAWN BY: 绘图:FD03 | 2024.05.28 |
| CHECKED BY: 审核:Z01 | 2024.05.28 |
| APPROVED BY: 核准:FD05 | 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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|----------------------------|-------------------|------------------------|----------------------------------------------------------------------------|
| FIRST ANGLE PROJECTION | 单位 UNT: mm | 名称 | TG-2BP直式插头(不带护套式尾帽) TG-2BP Straight Plug (without jacketed tail cap) |
| | 比例 SCALE: 1: 1 | PART NAME | |
| 尺寸 SIZE: A4 | 型号 PART NAME | TGA. 2BP. 310. KWKAD72 | |
| REV/版本 AI | SHEET: 1 OF 1 | | |