

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55℃~150℃

A 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

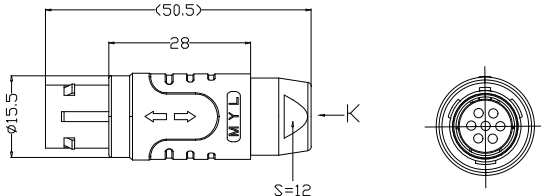
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/ 配接电缆:  $\phi 8.1\text{mm}-\phi 9.0\text{mm}$



B 2. 电气性能

Insert Configuration/针芯配置: 2BP. 307 7Low Voltage

Pin Size/接触件直径:  $\phi 1.3\text{mm}$

Contact resistance接触电阻:  $\leq 5\text{m}\Omega$

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

Withstand voltage/耐电压: 1750V(AC)

Rated working current 额定工作电流: 11.0A

C Other Specification/其它规格:

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

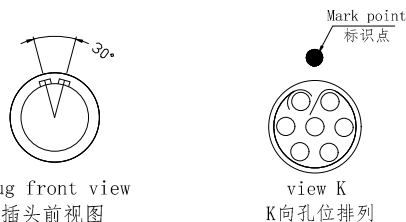
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PPS

IP Rating/防护等级: IP50

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



Plug front view  
插头前视图

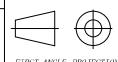
view K  
K向孔位排列

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



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|   |               |
|---|---------------|
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED) |               |
| $\leq 10$                               | $\pm 0.1$     |
| $< 10 \sim \leq 20$                     | $\pm 0.15$    |
| $< 20 \sim \leq 30$                     | $\pm 0.3$     |
| Angle                                   | $\pm 1^\circ$ |



FIRST ANGLE PROJECTION

|                   |                 |  |
|-------------------|-----------------|--|
| 单位<br>UNIT: mm    | 名称<br>PART NAME | TG-2BP 直式插头 (不带护套式尾帽)<br>TG-2BP Straight Plug<br>(without jacketed tail cap) |
| 比例<br>SCALE: 1: 1 | 型号<br>PART NAME |  |
| REV/版本<br>A1      | 型号<br>PART NAME | TGA. 2BP. 307. KWLAD92   |