

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 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:  $\phi 5.1\text{mm} - \phi 6.0\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2BP. 306 6Low 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: 1350V(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

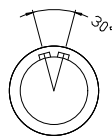
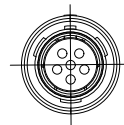
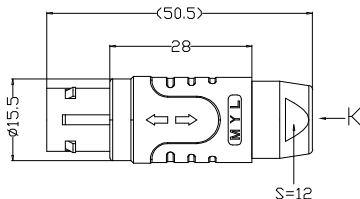
Other Shell Material/其它壳体材质: 铜镀镍

Insulator material/绝缘体材料: PEEK

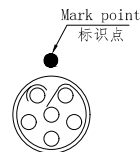
IP Rating/防护等级: IP50

\*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/制图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



Plug front view  
插头前视图



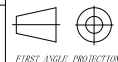
view K  
K向孔位排列

|                          |            |
|--------------------------|------------|
| DRAWN BY:<br>绘图: P003    | 2024.05.28 |
| CHECKED BY:<br>审核: Z01   | 2024.05.28 |
| APPROVED BY:<br>核准: P005 | 2024.05.28 |



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|   |                 |
|---|-----------------|
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED) |                 |
| $\leq 10$                               | $\pm 0.1$       |
| $< 10^{\circ} \leq 20$                  | $\pm 0.15$      |
| $< 20^{\circ} \leq 50$                  | $\pm 0.3$       |
| Angle                                   | $\pm 1^{\circ}$ |



|        |    |
|--------|----|
| REV/版本 | A1 |
|--------|----|

|                   |                 |
|-------------------|-----------------|
| 单位<br>UNTY: mm    | 名称<br>PART NAME |
| 比例<br>SCALE: 1: 1 | 型号<br>PART NAME |
| SIZE: A4          |                 |

|               |  |
|---------------|--|
| SHEET: 1 OF 1 |  |
|---------------|--|

TG-2BP直式插头(不带护套式尾帽)  
TG-2BP Straight Plug  
(without jacketed tail cap)

TGA. 2BP. 306. KWAD62