

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:  $\phi$ 3.1mm- $\phi$ 4.0mm

2. 电气性能

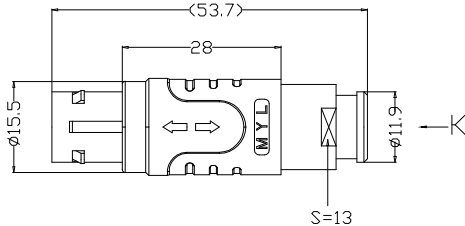
Insert Configuration/针芯配置: 2BP. 305 5Low Voltage  
 Pin Size/接触件直径:  $\phi$ 1.3mm  
 Contact resistance接触电阻:  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压: 1750V (AC)  
 Rated working current额定工作电流: 14.0A

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/绘图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |



定位销: 1/Key

S=13

Mark point  
标识点



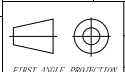
view K

K向孔位排列



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



FIRST ANGLE PROJECTION

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

|                   |                 |  |
|-------------------|-----------------|--|
| 单位<br>UNIT: mm    | 名称<br>PART NAME | TG-2BP直式插头(带护套式尾帽)<br>TG-2BP Straight Plug<br>(with jacketed tail cap) |
| 比例<br>SCALE: 1: 1 |                 |  |
| 尺寸<br>SIZE: AA    | 型号<br>PART NAME | TGG. 2BP. 305. KWKAD42Z  |
| SHEET: 1 OF 1     |                 |  |

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