

## 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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Shielding /屏蔽性能 :  $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$   
 Salt Spray Corrosion/盐雾 : 96hr

### Mechanical data/机械特性:

Vibration/振 动 :  $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$   
 Shock Resistance/冲 击 :  $100\text{g}[6\text{ms}]$   
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi 4.1\text{mm} - \phi 5.0\text{mm}$

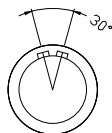
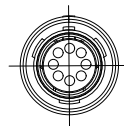
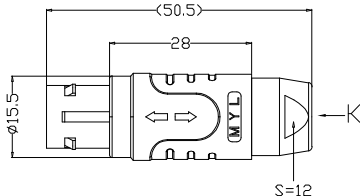
## 2. 电气性能

Insert Configuration/针芯配置: 2BP.308 8Low 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:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $1500\text{V(AC)}$   
 Rated working current额定工作电流:  $10.0\text{A}$

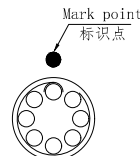
### Other Specification/其它规格:

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



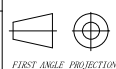
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| REV/版本 | DESCRIPTION/变更内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|
|        |                  |         |             |

DRAWN BY:  
绘图: P003 2024.05.28  
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FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1:1  
尺寸  
SIZE: A4

名称  
PART NAME

型号  
PART NAME

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

TGA. 2BP. 308. KWLAD52

REV/版本

A1

SHEET: 1 OF 1

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

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