

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:  $\phi 11.1\text{mm}-\phi 12.0\text{mm}$

2. 电气性能

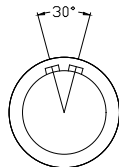
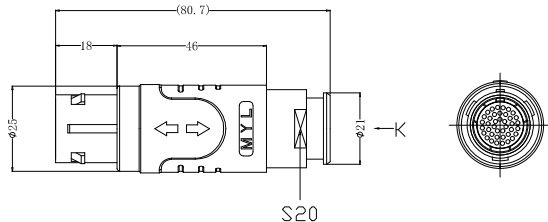
Insert Configuration/针芯配置: 4BP. 340 40Low Voltage  
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 900V(AC)  
 Rated working current额定工作电流: 2.0A

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/描述内容 | DATE/日期 | DRAWN BY/绘图 |
|--------|------------------|---------|-------------|



Plug front view  
插头前视图



view K  
K向孔位排列

|                          |              |
|--------------------------|--------------|
| DRAWN BY:<br>绘图: PPO3    | 2024. 05. 28 |
| CHECKED BY:<br>审核: Z01   | 2024. 05. 28 |
| APPROVED BY:<br>核准: PPO3 | 2024. 05. 28 |

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|---|---|---|
|   | 美易连电子科技(深圳)有限公司<br>Meiyilian electronic technology (shenzhen) Co., Ltd.       |   |
|   |   | 名称<br>PART NAME<br>TG-4BP直式插头(带护套式尾帽)<br>TG-4BP Straight Plug<br>(with jacketed tail cap) |
| 单位<br>UNITS: mm<br>比例<br>SCALE: 1: 1<br>型号<br>PART NAME<br>TGG. 4BP. 340. KWKAD122Z | 尺寸<br>SIZE: A1<br>SHEET: 1 OF 1   |   |
| REV/版本<br>A1  | 网址: <a href="https://www.mylconnector.com/">https://www.mylconnector.com/</a> |   |

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