

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:  $\phi 2.1\text{mm}-\phi 3.0\text{mm}$

2. 电气性能

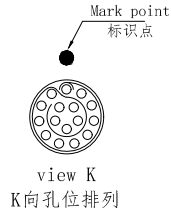
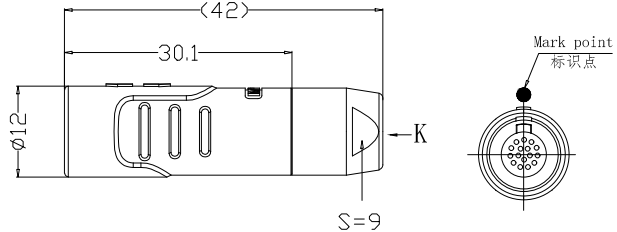
Insert Configuration/针芯配置: 1BP. 316 16Low Voltage  
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 750V(AC)  
 Rated working current额定工作电流: 1.5A

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.

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

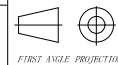


DRAWN BY:  
绘图: P003  
2024.05.28  
 CHECKED BY:  
审核: Z01  
2024.05.28  
 APPROVED BY:  
核准: P005  
2024.05.28



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



FIRST ANGLE PROJECTION

单位  
UNT: mm  
 比例  
SCALE: 1:1  
 型号  
PART NAME

名称  
PART NAME  
 型号  
PART NAME

DWG-1BP浮动式插座 (不带护套式尾座)  
 DWG-1BP Floating socket  
 (without jacketed tail cap)

DWG. 1BP. 316. KWLLD32