

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

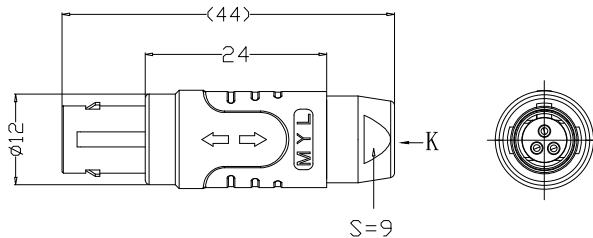
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: φ4.4mm-φ5.3mm



2. 电气性能

Insert Configuration/针芯配置:1BP.303 3Low Voltage

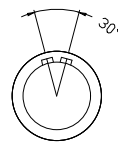
Pin Size/接触件直径:φ1.3mm

Contact resistance接触电阻:≤5mΩ

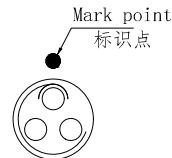
Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))

Withstand voltage/耐电压:1300V(AC)

Rated working current额定工作电流:12.0A



Plug front view  
插头前视图



view K  
K向孔位排列

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: 铜电镀

Insulator material/绝缘体材料: PEEK

IP Rating/防护等级 : IP50

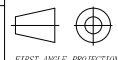
\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

DRAWN BY:  
绘图:PD03 2024.05.28  
CHECKED BY:  
审核:Z01 2024.05.28  
APPROVED BY:  
核准:PD05 2024.05.28



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GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
≤10 ±0.1  
<10° ≤20 ±0.15  
<20° ≤50 ±0.3  
Angle ±1°



FIRST ANGLE PROJECTION

单位  
UNIT: mm  
比例  
SCALE: 1:1

名称  
PART NAME

型号  
PART NAME

TG-1BP直式插头(不带护套尾帽)  
TG-1BP Straight Plug  
(without jacketed tail cap)

TGA.1BP.303.KWKAD58

REV/版本 A1 SHEET: 1 OF 1