

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55°C~150°C

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

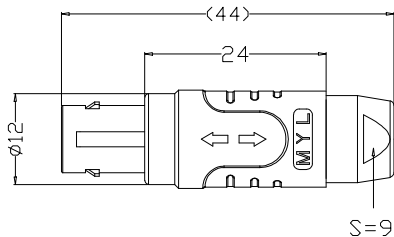
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: Ø4.4mm-Ø5.3mm



定位销: 1/Key

2. 电气性能

Insert Configuration/针芯配置: 1BP, 310 10Low Voltage

Pin Size/接触件直径: Ø0.5mm

Contact resistance接触电阻: ≤15mΩ

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

Withstand voltage/耐电压: 900V(AC)

Rated working current额定工作电流: 2.5A

S=9

Mark point

标识点



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.

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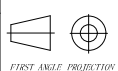
GENERAL TOLERANCE  
(UNLESS SPECIFIED)

≤10 ±0.1

<10° ≤20 ±0.15

<20° ≤50 ±0.3

Angle ±1°



FIRST ANGLE PROJECTION

REV/版本

A1

单位  
UNIT: mm

比例  
SCALE: 1: 1

尺寸  
SIZE: A

SHEET: 1 OF 1

名称  
PART NAME

型号  
PART NAME

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

TGG. 1BP. 310. KWKAD58