

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:  $\phi 10.1\text{mm}-\phi 11.0\text{mm}$

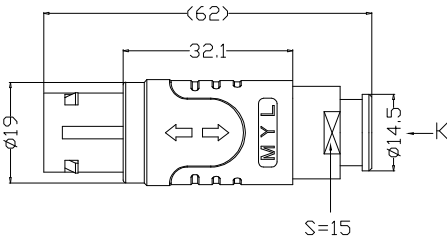
2. 电气性能

Insert Configuration/针芯配置: 3BP.303 3Low Voltage  
 Pin Size/接触件直径:  $\phi 2.0\text{mm}$   
 Contact resistance接触电阻:  $\leq 3.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1900V(AC)  
 Rated working current额定工作电流: 25.0A

Other Specification/其它规格:

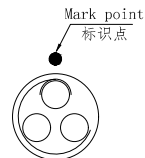
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

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



定位销: 1/Key

S=15



view K  
K向孔位排列

Mark point  
标识点



FIRST ANGLE PROJECTION

REV/版本

A1

SHEET.1 OF 1

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

REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

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)

$\leq 10 \pm 0.1$   
 $< 10 \sim \leq 20 \pm 0.15$   
 $< 20 \sim \leq 30 \pm 0.3$   
 Angle  $\pm 1^\circ$

单位: mm

名称

比例

SCALE: 1:1

SIZE: A4

型号

PART NAME

PART NAME

TG-3BP直式插头(带护套式尾帽)  
 TG-3BP Straight Plug  
 (with jacketed tail cap)

TGG. 3BP. 303. KWLAD112Z

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