

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$

A Humidity(max)/最大潮湿: $\leq 95\%$ [at 60 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

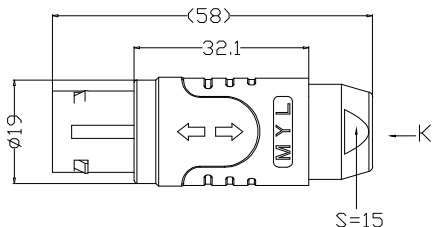
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 5.1\text{mm}-\phi 6.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 3BP. 309 9Low Voltage

Pin Size/接触件直径: $\phi 2.0/1.3\text{mm}$

Contact resistance接触电阻: $\leq 3.5\text{m}\Omega, \leq 5\text{m}\Omega$

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

Withstand voltage/耐电压: 1350V(AC)

Rated working current额定工作电流: 15.0/6.0A

Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

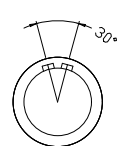
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

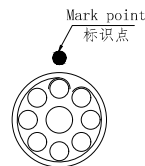
Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

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



Plug front view
插头前视图



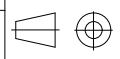
view K
K向孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P003	2024. 05. 28



美易连电子科技(深圳)有限公司
Meiyilian electronic technology (shenzhen) Co., Ltd.

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



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1: 1

SIZE: A4

REV/版本 A1 SHEET: 1 OF 1

名称
PART NAME

型号
PART NAME

TG-3BP直式插头(不带护套式尾帽)
TG-3BP Straight Plug
(without jacketed tail cap)

TGA. 3BP. 309. KWKAD62

1

2

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

4

5

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

7

8