

1. Product main performance/产品主要性能指标:

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

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:  $\phi 6.1\text{mm} - \phi 7.0\text{mm}$

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 $\Omega$  (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

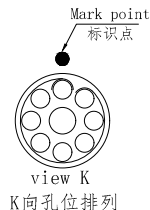
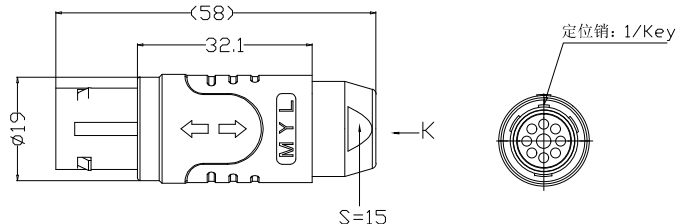
Other Shell Material/其它壳体材质: 铜电镀

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.

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

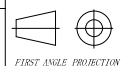


DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)	$\leq 10 \pm 0.1$ $< 10^{\circ} \sim 30^{\circ} \pm 0.15$ $< 30^{\circ} \sim 50^{\circ} \pm 0.3$ Angle $\pm 1^{\circ}$
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单位 UNITS: mm	名称 PART NAME
比例 SCALE: 1:1	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)

REV/版本	A1	SHEET: 1 OF 1
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型号  
PART NAME

TGG. 3BP. 309. KWKAD72