

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:  $\phi$ 10.1mm- $\phi$ 11.0mm

2. 电气性能

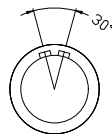
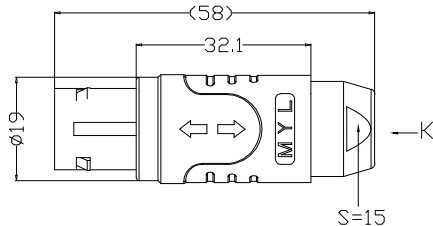
Insert Configuration/针芯配置:3BP.309 9Low Voltage  
 Pin Size/接触件直径: $\phi$ 2.0/1.3mm  
 Contact resistance接触电阻: $\leq$ 3.5m $\Omega$ ,  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:1350V(AC)  
 Rated working current额定工作电流:15.0/6.0A

Other Specification/其它规格:

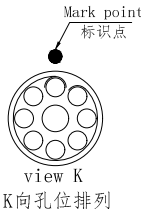
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

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

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



Plug front view  
插头前视图



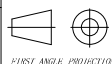
view K  
K向孔位排列

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



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GENERAL TOLERANCE (UNLESS SPECIFIED)	$\leq$ 10 $\pm$ 0.1
	$<10 \sim \leq$ 20 $\pm$ 0.15
	$<20 \sim \leq$ 50 $\pm$ 0.3
	Angle $\pm$ 1°



FIRST ANGLE PROJECTION

REV/版本	A1
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单位 UNIT: mm	名称	TG-3BP直式插头(不带护套式尾帽)
比例 SCALE: 1:1	PART NAME	TG-3BP Straight Plug (without jacketed tail cap)
型号 SIZE: A4	型号	TGA.3BP.309.KWKAD112
SHEET: 1 OF 1	PART NAME	