

## 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 :  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

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:1BP.305 5Low Voltage

Pin Size/接触面直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 9\text{m}\Omega$

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

Withstand voltage/耐电压:1250V(AC)

Rated working current额定工作电流:9.0A

### Other Specification/其它规格:

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

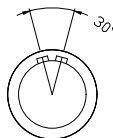
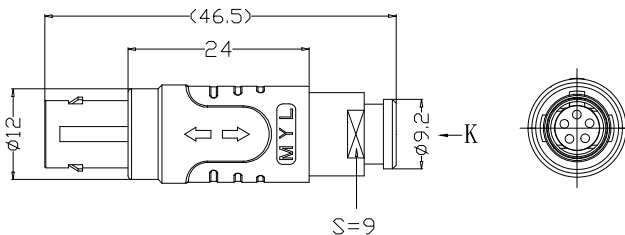
Housing Material/外壳材质 : PEEK

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.



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
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 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 PART NAME	TG-1BP 直式插头 (带护套式尾嘴) TG-1BP Straight Plug (with jacketed tail cap)
	比例 SCALE: 1: 1		
	型号 PART NAME:	TGA. 1BP. 305. KWLAD72Z	

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