

## 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 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:  $\phi 9.1\text{mm}\sim\phi 10.0\text{mm}$

## 2. 电气性能

Insert Configuration/针芯配置: 2BP. 308 8Low Voltage

Pin Size/接触件直径:  $\phi 0.9\text{mm}$

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/耐压: 1500V(AC)

Rated working current额定工作电流: 10.0A

### Other Specification/其它规格:

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

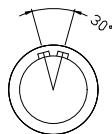
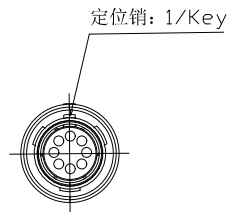
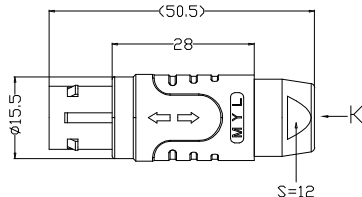
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

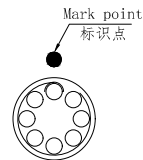
Insulator material/绝缘体材料: PEEK

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

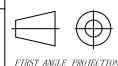
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

DRAWN BY: 绘图: PD03	2024.05.28
CHECKED BY: 审核: Z01	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 $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称	TG-2BP直式插头(不带护套式尾帽)
比例 SCALE: 1: 1	PART NAME	TG-2BP Straight Plug (without jacketed tail cap)
型号	PART NAME	TGA. 2BP. 308. KWKAD102

REV/版本	A1	SHEET: 1 OF 1
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