

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

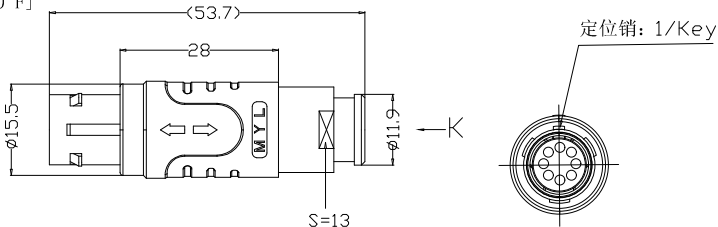
Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 3.4\text{mm}-\phi 4.3\text{mm}$



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: 5000  $\Omega$  (测试电压500V (DC))

Withstand voltage/耐电压: 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

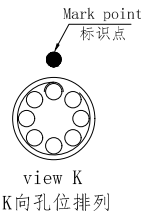
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜电镀

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.



view K  
K向孔位排列



FIRST ANGLE PROJECTION

REV/版本 A1

单位  
UNIT: mm  
比例  
SCALE: 1:1  
SIZE: A4

SHEET: 1 OF 1

名称 PART NAME	TG-2BP直式插头 (带护套式尾帽) TG-2BP Straight Plug (with jacketed tail cap)
型号 PART NAME	TGG. 2BP. 308. KWLAD45Z

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)	
$\leq 10$	$\pm 0.1$
$< 10^{\circ} \sim \leq 20$	$\pm 0.15$
$< 20^{\circ} \sim \leq 50$	$\pm 0.3$
Angle	$\pm 1^{\circ}$