

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:  $\phi 2.4\text{mm} - \phi 3.3\text{mm}$

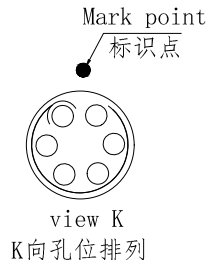
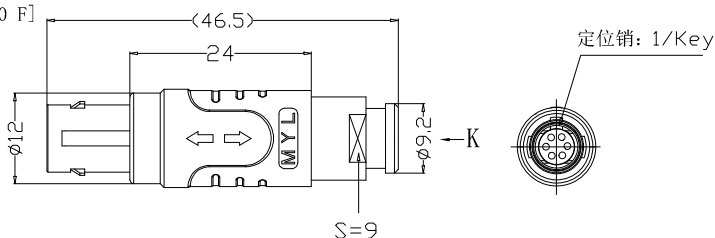
2. 电气性能

Insert Configuration/针芯配置: 1BP. 306 6Low Voltage  
 Pin Size/接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1050V(AC)  
 Rated working current额定工作电流: 7.0A

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.



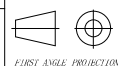
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
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GENERAL TOLERANCE (UNLESS SPECIFIED)	UNIT: mm	名称	TG-1BP直式插头(带护套式尾帽)
$\leq 10 \pm 0.1$	比例	PART NAME	TG-1BP Straight Plug (with jacketed tail cap)
$< 10^{\circ} \leq 20^{\circ} \pm 0.15$	SIZE: A4	型号	TGG. 1BP. 306. KWKAD35Z
$< 20^{\circ} \leq 50^{\circ} \pm 0.3$	REV/版本	SHEET: 1 OF 1	
Angle $\pm 1^{\circ}$	A1		



FIRST ANGLE PROJECTION

REV/版本	A1
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