

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:  $\phi 4.1\text{mm} - \phi 5.0\text{mm}$

2. 电气性能

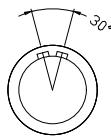
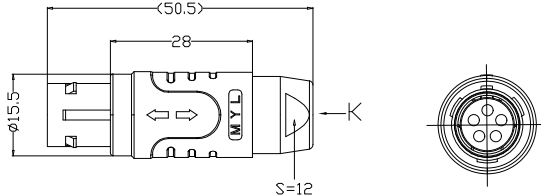
Insert Configuration/针芯配置: 2BP. 305 5Low Voltage  
 Pin Size/接触件直径:  $\phi 1.3\text{mm}$   
 Contact resistance接触电阻:  $\leq 5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1750V(AC)  
 Rated working current额定工作电流: 14.0A

Other Specification/其它规格:

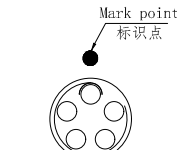
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质: PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PPS  
 IP Rating/防护等级: IP50

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

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



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

单位 UNIT: mm	名称 PART NAME
比例 SCALE: 1:1	型号 PART NAME
SIZE: A4	
REV/版本 A1	SHEET: 1 OF 1

名称 PART NAME	TG-2BP直式插头(不带护套式尾帽) TG-2BP Straight Plug (without jacketed tail cap)
型号 PART NAME	TGA. 2BP. 305. KWLAD52