

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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾: 96hr

Mechanical data/机械特性:

Vibration/振动:  $15\text{g}$  [ $10\text{Hz} \sim 2000\text{Hz}$ ]  
 Shock Resistance/冲击:  $100\text{g}$  [ $6\text{ms}$ ]  
 Endurance (Shell)/机械寿命: 5000+  
 Cable/配接电缆:  $\phi 7.1\text{mm} - \phi 8.0\text{mm}$

2. 电气性能

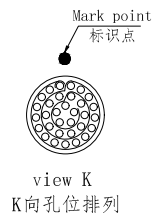
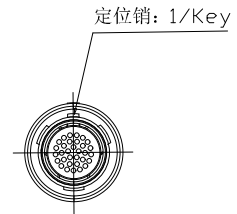
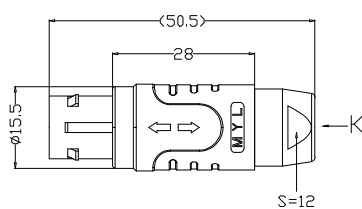
Insert Configuration/针芯配置: 2BP. 332 32Low Voltage  
 Pin Size/接触件直径:  $\phi 0.5\text{mm}$   
 Contact resistance接触电阻:  $\leq 15\text{m}\Omega$   
 Insulation resistance/绝缘电阻:  $5000\text{M}\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:  $800\text{V}$  (AC)  
 Rated working current额定工作电流:  $1.5\text{A}$


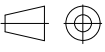
Other Specification/其它规格:

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/绘图



DRAWN BY: 绘图: PDD03 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.	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)
CHECKED BY: 审核: Z01 2024.05.28			单位 UNIT: mm		型号 PART NAME
APPROVED BY: 核准: PDD05 2024.05.28			比例 SCALE: 1: 1		
GENERAL TOLERANCE (UNLESS SPECIFIED)		FIRST ANGLE PROJECTION		SIZE: A4	
$\leq 10 \pm 0.1$		 FIRST ANGLE PROJECTION		REV/版本	
$< 10^{\circ} \leq 20 \pm 0.15$				A1	
$< 20^{\circ} \leq 50 \pm 0.3$				SHEET: 1 OF 1	
Angle $\pm 1^{\circ}$		网址: <a href="https://www.myconnector.com/">https://www.myconnector.com/</a>		8	