

### 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:  $\varnothing 8.1\text{mm} - \varnothing 9.0\text{mm}$

### 2. 电气性能

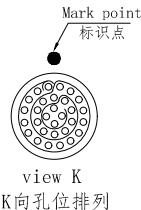
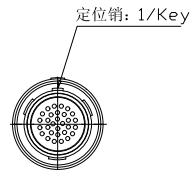
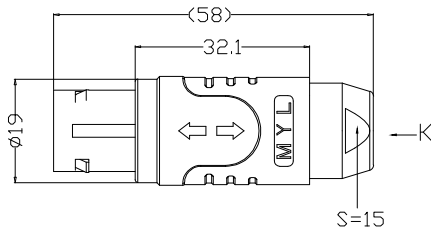
Insert Configuration/针芯配置: 3BP. 330 30Low Voltage  
 Pin Size/接触件直径:  $\varnothing 0.7\text{mm}$   
 Contact resistance接触电阻:  $\leq 4.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage/耐电压: 800V (AC)  
 Rated working current额定工作电流: 3.5A


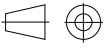
#### Other Specification/其它规格:

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/更改内容	DATE/日期	DRAWN BY/绘图



DRAWN BY: 绘图: PPO3 2024.05.28		 美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.		名称		TG-3BP直式插头(不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)	
CHECKED BY: 审核: Z01 2024.05.28				PART NAME			
APPROVED BY: 核准: PPO3 2024.05.28				比例 SCALE: 1:1		型号	
GENERAL TOLERANCE (UNLESS SPECIFIED)		 FIRST ANGLE PROJECTION		SIZE: A1		PART NAME	
$\leq 10 \pm 0.1$				REV/版本			A1
$< 10^{\circ} \leq 20 \pm 0.15$				SHEET: 1 OF 1			
$< 20^{\circ} \leq 50 \pm 0.3$							
$AngFe \pm 1^{\circ}$							