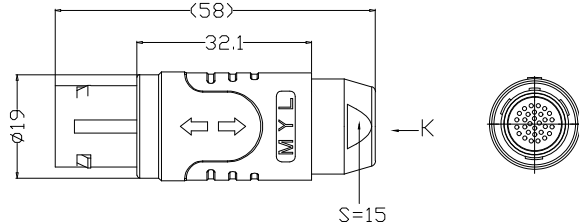


## 1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 :  $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   
 Humidity(max)/最大潮湿 :  $\leq 95\%$  [at  $60 \text{ deg C} / 140 \text{ F}$ ]  
 Shielding /屏蔽性能 :  $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$   
 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:  $\phi 6.1\text{mm} - \phi 7.0\text{mm}$



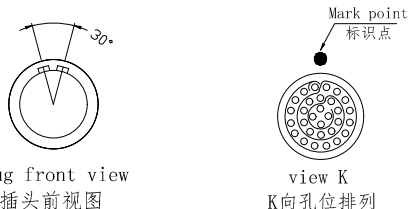
## 2. 电气性能

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

### 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.



Plug front view  
插头前视图

view K  
K向孔位排列

DRAWN BY: 绘图: PD03 CHECKED BY: 审核: Z01 APPROVED BY: 核准: PD05	2024.03.28 2024.05.28 2024.05.28	美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	单位 (UNIT): mm	名称 PART NAME	TG-3BP直式插头(不带护套式尾帽) TG-3BP Straight Plug (without jacketed tail cap)
GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \quad \pm 0.1$ $< 10^{\circ} \sim 20 \quad \pm 0.15$ $> 20^{\circ} \sim 50 \quad \pm 0.3$ Angle $\pm 1^{\circ}$	FIRST ANGLE PROJECTION		比例 (SCALE): 1:1 尺寸 (SIZE): A4	型号 PART NAME	TGA. 3BP. 330. KWLADT2
REV/版本	A1	SHEET: 1 OF 1			