

## 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

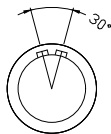
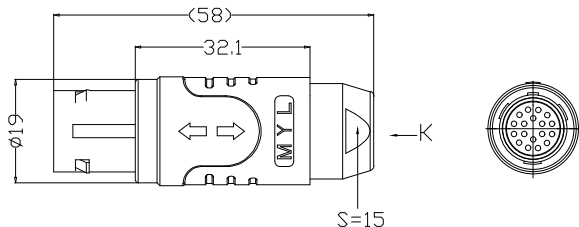
Insert Configuration/针芯配置: 3BP, 318 18Low Voltage  
 Pin Size/接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance接触电阻:  $\leq 6\text{m}\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1200V(AC)  
 Rated working current额定工作电流: 7.0A

### Other Specification/其它规格:

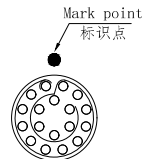
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*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/谁用



Plug front view  
插头前视图



view K  
K向孔位排列

DRAWN BY: 绘图: PPO3	2024. 05. 28
CHECKED BY: 审核: ZOI	2024. 05. 28
APPROVED BY: 核准: PPO3	2024. 05. 28



美易连电子科技(深圳)有限公司  
 Meiyilian electronic technology(shenzhen)Co., Ltd.

GENERAL TOLERANCE (UNLESS SPECIFIED)	
$\leq 10$	$\pm 0.1$
$< 10^{\circ} \leq 20$	$\pm 0.15$
$< 20^{\circ} \leq 30$	$\pm 0.3$
Angle	$\pm 1^{\circ}$



FIRST ANGLE PROJECTION

REV/版本

A1

单位

UNT: mm

比例

SCALE: 1: 1

名称

PART NAME

型号

PART NAME

TG-3BP直式插头(不带护套式尾帽)  
 TG-3BP Straight Plug  
 (without jacketed tail cap)

TGA. 3BP. 318. KWKAD52