

## 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 deg C / 140 F]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

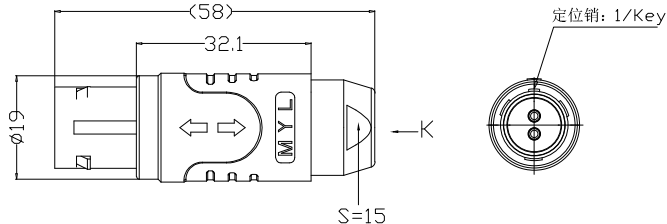
### Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]

Shock Resistance/冲击: 100g[6ms]

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆:  $\phi 9.1\text{mm} - \phi 10.0\text{mm}$



## 2. 电气性能

Insert Configuration/针芯配置: 3BP. 302 2Low Voltage

Pin Size/接触件直径:  $\phi 3.0\text{mm}$

Contact resistance接触电阻:  $\leq 3\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))

Withstand voltage/耐电压: 2100V(AC)

Rated working current额定工作电流: 35.0A

### Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金

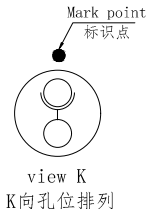
Housing Material/外壳材质: PEEK

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.



view K  
K向孔位排列

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

DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	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)	$\leq 10$	$\pm 0.1$	$< 10 \sim \leq 20$	$\pm 0.15$	$> 20 \sim \leq 30$	$\pm 0.3$	Angle	$\pm 1^{\circ}$
	FIRST ANGLE PROJECTION							
UNIT: mm	名称	TG-3BP 直式插头 (不带护套式尾帽)		PART NAME				
SCALE: 1:1	型号	TGG-3BP Straight Plug		PART NAME				
SIZE: A1	型号	TGG-3BP. 302. KWLAD102		PART NAME				
REV/版本	A1	SHEET: 1 OF 1		PART NAME				

1

2

<https://www.myconnector.com/>

4

5

<https://www.myconnector.com/>

7

8