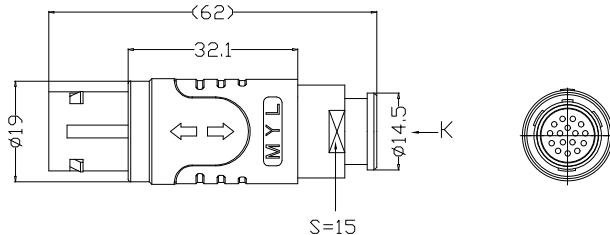


1. Product main performance / 产品主要性能指标:

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:  $\phi 4.1\text{mm} - \phi 5.0\text{mm}$



2. 电气性能

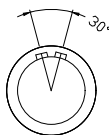
Insert Configuration / 针芯配置: 3BP.316 16 Low Voltage  
 Pin Size / 接触件直径:  $\phi 0.9\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 6\text{m}\Omega$   
 Insulation resistance / 绝缘电阻: 5000M $\Omega$  (测试电压 500V (DC))  
 Withstand voltage / 耐压: 1200V (AC)  
 Rated working current / 额定工作电流: 8.0A

Other Specification / 其它规格:

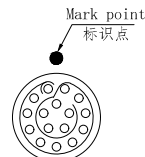
Contact PIN / 接触体: Gold plated Tin bronze / 锡青铜镀金  
 Housing Material / 外壳材质: PEEK  
 Other Shell Material / 其它壳体材质: 铜镀镍  
 Insulator material / 绝缘体材料: PPS

IP Rating / 防护等级: IP50

\*ALL MATERIALS ARE RoHS COMPLIANT / 所有材料均符合RoHS要求.



Plug front view  
插头前视图



view K  
K向孔位排列

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

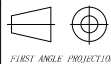


美易连电子科技(深圳)有限公司

Meiyilian electronic technology (shenzhen) Co., Ltd.

DRAWN BY:  
绘图: P003 2024.05.28  
 CHECKED BY:  
审核: Z01 2024.05.28  
 APPROVED BY:  
核准: P005 2024.05.28

GENERAL TOLERANCE  
(UNLESS SPECIFIED)  
 $\leq 10 \pm 0.1$   
 $< 10^{\circ} \sim 20^{\circ} \pm 0.15$   
 $< 20^{\circ} \sim 50^{\circ} \pm 0.3$   
 Angle  $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位  
UNIT: mm

比例  
SCALE: 1:1

名称  
PART NAME

型号  
PART NAME

REV/版本

A1

SHEET: 1 OF 1

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

TGA. 3BP. 316. KWLAD52Z