

# I. 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:  $\phi 7.1\text{mm} - \phi 8.0\text{mm}$

## 2. 电气性能

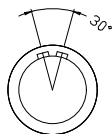
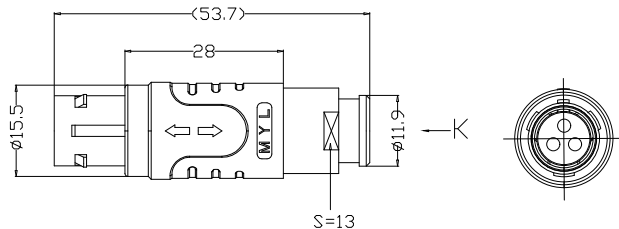
Insert Configuration / 针芯配置: 2BP. 303 3Low Voltage  
 Pin Size / 接触件直径:  $\phi 1.6\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 4\text{m}\Omega$   
 Insulation resistance / 绝缘电阻: 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage / 耐压: 2400V (AC)  
 Rated working current / 额定工作电流: 17.0A

## Other Specification / 其它规格:

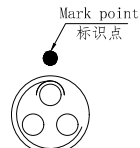
Contact PIN / 接触体: Gold plated Tin bronze / 锡青铜镀金  
 Housing Material / 外壳材质: PEEK  
 Other Shell Material / 其它壳体材质: 铜镀镍  
 Insulator material / 绝缘体材料: PEEK  
 IP Rating / 防护等级: IP50

\*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 / 绘制



Plug front view  
插头前视图



view K  
K向孔位排列

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



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



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称
比例 SCALE: 1: 1	PART NAME
SIZE: A4	型号
REV/版本	PART NAME

TG-2BP直式插头 (带护套式尾帽)  
 TG-2BP Straight Plug  
 (with jacketed tail cap)

TGA. 2BP. 303. KWKAD82Z

REV/版本 A1

SHEET: 1 OF 1