

# 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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 Shielding / 屏蔽性能: 75dB (10MHz) 40dB (1GHz)  
 Salt Spray Corrosion / 盐雾: 96hr

## Mechanical data / 机械特性:

Vibration / 振动:  $15\text{g}$  [10Hz ~ 2000Hz]  
 Shock Resistance / 冲击:  $100\text{g}$  [6ms]  
 Endurance (Shell) / 机械寿命: 5000+  
 Cable / 配接电缆:  $\phi 8.1\text{mm} - \phi 9.0\text{mm}$

## 2. 电气性能

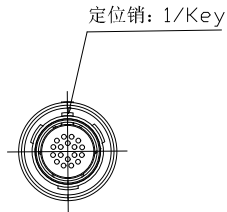
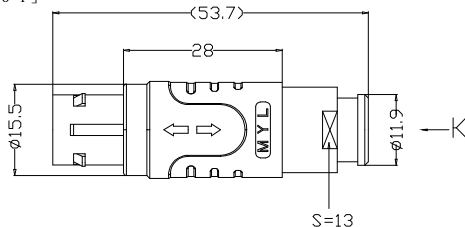
Insert Configuration / 针芯配置: 2BP, 318 18Low Voltage  
 Pin Size / 接触件直径:  $\phi 0.7\text{mm}$   
 Contact resistance / 接触电阻:  $\leq 12.5\text{m}\Omega$   
 Insulation resistance / 绝缘电阻:  $5000\text{M}\Omega$  (测试电压 500V (DC))  
 Withstand voltage / 耐压: 850V (AC)  
 Rated working current / 额定工作电流: 5.5A

## 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/绘图



定位销: 1/Key

S=13

Mark point  
标识点



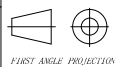
view K  
K向孔位排列

DRAWN BY: 绘图: PD03	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: PD05	2024.05.28



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

单位 UNIT: mm	名称	TG-2BP 直式插头 (带护套式尾帽)
比例 SCALE: 1:1	PART NAME:	TG-2BP Straight Plug (with jacketed tail cap)
SIZE: A4	型号	TGG. 2BP. 318. KWKAD92Z
REV/版本 A1	SHEET: 1 OF 1	PART NAME