

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

Operating Temperature/工作温度 : -55℃~150℃  
 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:  $\phi$ 3.1mm- $\phi$ 4.0mm

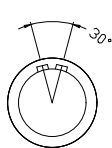
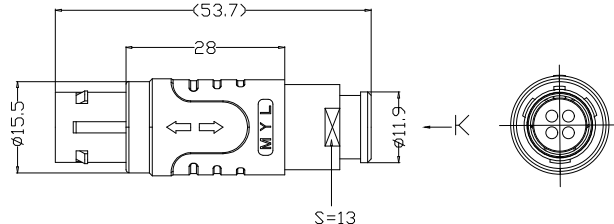
## 2. 电气性能

Insert Configuration/针芯配置: 2BP. 304 4Low Voltage  
 Pin Size/接触件直径:  $\phi$ 1.3mm  
 Contact resistance接触电阻:  $\leq$ 5m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压: 1850V(AC)  
 Rated working current额定工作电流: 15.0A

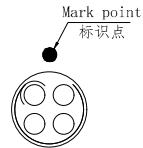
### Other Specification/其它规格:

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.



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/经手

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 比例 SCALE: 1: 1 名称 PART NAME:	型号 TGA. 2BP. 304. KWKAD42Z PART NAME
	SIZE: A4 REV/版本 A1 SHEET: 1 OF 1	名称 PART NAME:	