

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

Operating Temperature / 工作温度 : -55°C ~ 150°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 :  $\phi 4.4\text{mm} - \phi 5.3\text{mm}$

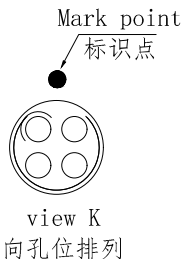
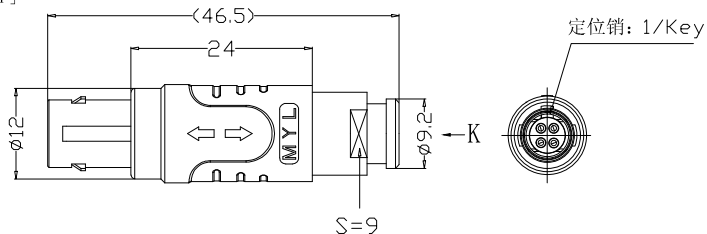
# 2. 电气性能

Insert Configuration / 针芯配置 : 1BP.304 4Low Voltage  
 Pin Size / 接触件直径 :  $\phi 0.9\text{mm}$   
 Contact resistance / 接触电阻 :  $\leq 9\text{m}\Omega$   
 Insulation resistance / 绝缘电阻 : 5000M $\Omega$  (测试电压500V (DC))  
 Withstand voltage / 耐电压 : 1350V (AC)  
 Rated working current / 额定工作电流 : 10.0A

## 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

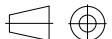
DRAWN BY:  
绘图: P003 2024.05.28  
 CHECKED BY:  
审核: Z01 2024.05.28  
 APPROVED BY:  
核准: P005 2024.05.28



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GENERAL TOLERANCE  
(UNLESS SPECIFIED)

$\leq 10$   $\pm 0.1$   
 $< 10^\circ \leq 20$   $\pm 0.15$   
 $< 20^\circ \leq 30$   $\pm 0.3$   
 Angle  $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位  
UNT: mm  
比例  
SCALE: 1:1

名称  
PART NAME

型号  
PART NAME

TG-1BP 直式插头 (护套套式尾帽)  
 TG-1BP Straight Plug  
 (with jacketed tail cap)

TGG. 1BP. 304. KWKAD58Z

REV/版本

A1

SHEET: 1 OF 1