

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: 15g [10Hz ~ 2000Hz]
 Shock Resistance / 冲击: 100g [6ms]
 Endurance (Shell) / 机械寿命: 5000+
 Cable / 配接电缆: $\phi 10.1\text{mm} - \phi 11.0\text{mm}$

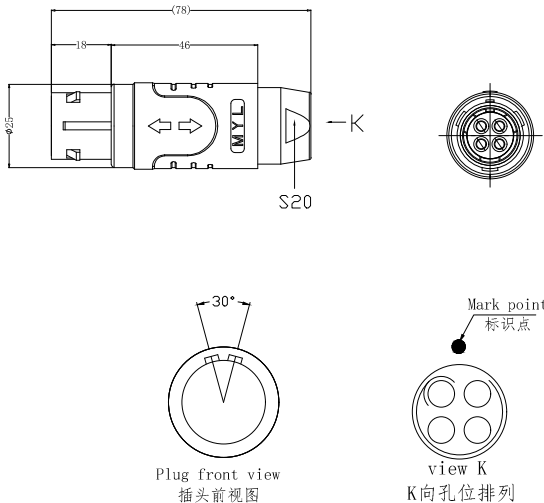
2. 电气性能

Insert Configuration / 针芯配置: 4BP, 304 4Low Voltage
 Pin Size / 接触件直径: $\phi 3.0\text{mm}$
 Contact resistance / 接触电阻: $\leq 3\text{m}\Omega$
 Insulation resistance / 绝缘电阻: 5000M Ω (测试电压 500V (DC))
 Withstand voltage / 耐压: 2100V (AC)
 Rated working current / 额定工作电流: 30.0A

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.



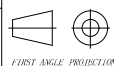
REV / 版本	DESCRIPTION / 变更内容	DATE / 日期	DRAWN BY / 绘图

DRAWN BY: 绘图: PDD03 2024.05.28
 CHECKED BY: 审核: Z01 2024.05.28
 APPROVED BY: 核准: PDD05 2024.05.28



美易连电子科技(深圳)有限公司
 Meiyilian electronic technology (shenzhen) Co., Ltd.

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



单位 UNIT: mm
 名称 PART NAME:
 比例 SCALE: 1: 1
 SIZE: A4

名称 PART NAME: TG-4BP 直式插头 (不带护套式尾帽)
 TG-4BP Straight Plug (without jacketed tail cap)

REV 版本 A1

SHEET: 1 OF 1

型号 PART NAME: TGA. 4BP. 304. KWLAD112