

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: $\phi 14.1\text{mm} - \phi 15.0\text{mm}$

2. 电气性能

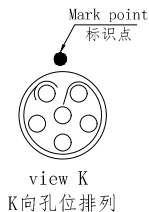
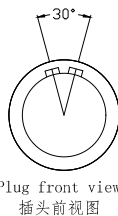
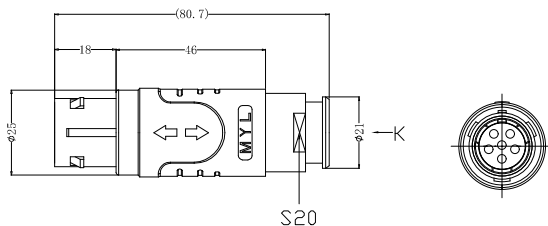
Insert Configuration/针芯配置: 4BP. 306 6Low Voltage
 Pin Size/接触件直径: $\phi 2.0\text{mm}$
 Contact resistance接触电阻: $\leq 3.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐压: 2000V (AC)
 Rated working current额定工作电流: 24.0A



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: P003		2024.05.28		 美易连	美易连电子科技(深圳)有限公司 Meiyilian electronic technology (shenzhen) Co., Ltd.	
CHECKED BY: 审核: Z01		2024.05.28				
APPROVED BY: 核准: P005		2024.05.28				
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 UNIT: mm 名称 PART NAME 比例 SCALE: 1: 1 尺寸 SIZE: A4 型号 PART NAME	TG-4BP直式插头 (带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap)
REV/版本	A1	SHEET: 1 OF 1		名称	TGA. 4BP. 306. KWLAD152Z	