

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 $60 \text{ deg C} / 140 \text{ F}$]

Shielding /屏蔽性能: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$

Salt Spray Corrosion/盐雾: 96hr

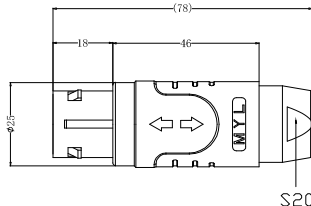
Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$

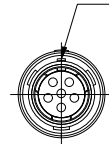
Shock Resistance/冲击: $100\text{g}[6\text{ms}]$

Endurance (Shell)/机械寿命: $5000+$

Cable/配接电缆: $\phi 5.1\text{mm} - \phi 6.0\text{mm}$



定位销: 1/Key



2. 电气性能

Insert Configuration/针芯配置: $4\text{BP}, 306 \text{ 6Low Voltage}$

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 $500\text{V}(\text{DC})$)

Withstand voltage/耐电压: $2000\text{V}(\text{AC})$

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

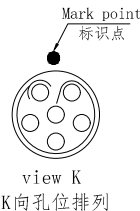
Housing Material/外壳材质: PEEK


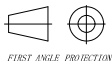
Other Shell Material/其它壳体材质: 铜镀镍

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.



DRAWN BY: 绘图: P003 2024.05.28		 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) $\leq 10 \pm 0.1$ $< 10^{\circ} \leq 20 \pm 0.15$ $< 20^{\circ} \leq 60 \pm 0.3$ Angle $\pm 1^{\circ}$		 FIRST ANGLE PROJECTION	单位 UNIT: mm 名称 PART NAME 比例 SCALE: 1: 1 型号 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	TGG. 4BP. 306. KWLAD62