

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: 75dB(10MHz) 40dB(1GHz)
 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: $\phi 14.5\text{mm} - \phi 15.4\text{mm}$

2. 电气性能

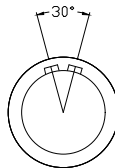
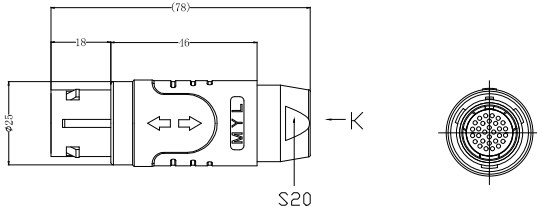
Insert Configuration/针芯配置: 4BP. 330 30Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压500V(DC))
 Withstand voltage/耐电压: 950V(AC)
 Rated working current额定工作电流: 5.0A

Other Specification/其它规格:

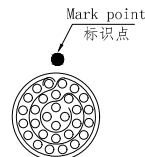
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

*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



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28		美易连电子科技(深圳)有限公司		
CHECKED BY: 审核: Z01	2024. 05. 28		Meiyilian electronic technology (shenzhen) Co., Ltd.		
APPROVED BY: 核准: P005	2024. 05. 28				
GENERAL TOLERANCE (UNLESS SPECIFIED)		 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称	TG-4BP 直式插头 (不带护套式尾帽) TG-4BP Straight Plug (without jacketed tail cap)
$\leq 10 \pm 0.1$			比例 SCALE: 1: 1	PART NAME	
$< 10^{\circ} \leq 20^{\circ} \pm 0.15$		SIZE: A1	型号	TGG. 4BP. 330. KWKAD156	
$< 20^{\circ} \leq 50^{\circ} \pm 0.3$		REV/版本	PART NAME		
Angle $\pm 1^{\circ}$		A1	SIZE: 1 OF 1		