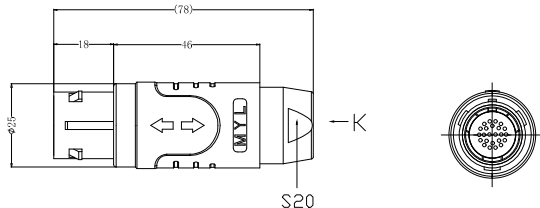


1. Product main performance/产品主要性能指标:

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: $\phi 13.1\text{mm} - \phi 14.0\text{mm}$



2. 电气性能

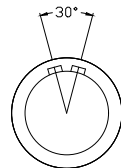
Insert Configuration/针芯配置: $4\text{BP}.324 \text{ 24Low Voltage}$
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $1200\text{V}(\text{AC})$
 Rated working current额定工作电流: 7.0A

Other Specification/其它规格:

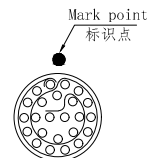
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK

IP Rating/防护等级: IP50

*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY: 绘图: P003		2024. 05. 28	
CHECKED BY: 审核: Z01		2024. 05. 28	
APPROVED BY: 核准: P005		2024. 05. 28	
GENERAL TOLERANCE (UNLESS SPECIFIED)			
$\leq 10 \quad \pm 0.1$			
$< 10^{\circ} \sim 20^{\circ} \quad \pm 0.15$			
$< 20^{\circ} \sim 50^{\circ} \quad \pm 0.3$			
Angle $\pm 1^{\circ}$			

美易连电子科技(深圳)有限公司 Meiyilian electronic technology(shenzhen)Co.,Ltd.		单位 UNIT: mm 比例 SCALE: 1:1 名称 PART NAME TGG-4BP 直式插头(不带护套式尾帽) TGG-4BP Straight Plug (without jacketed tail cap)	
型号 PART NAME TGG. 4BP. 324. KWKAD142		尺寸 SIZE: A1 图号 SHEET: 1 OF 1	