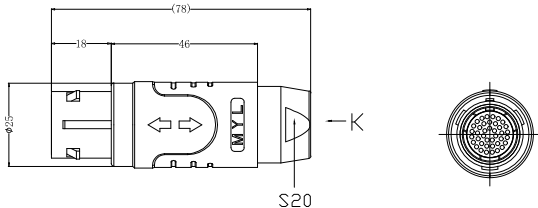


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$
 Humidity(max)/最大潮湿: $\leq 95\%$ [at $60\text{ deg C} / 140\text{ F}$]
 Shielding /屏蔽性能: $75\text{dB}(10\text{MHz})$ $40\text{dB}(1\text{GHz})$
 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: $\phi 10.1\text{mm}-\phi 11.0\text{mm}$



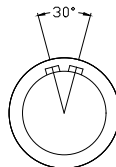
2. 电气性能

Insert Configuration/针芯配置: $4\text{BP}.340$ 40Low Voltage
 Pin Size/接触件直径: $\phi 0.7\text{mm}$
 Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $900\text{V}(\text{AC})$
 Rated working current额定工作电流: 2.0A

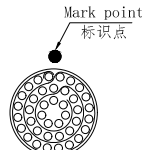
Other Specification/其它规格:

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.





Plug front view
插头前视图



view K
K向孔位排列

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

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) ≤ 10 ± 0.1 $10 < \leq 20$ ± 0.15 $20 < \leq 50$ ± 0.3 Angle $\pm 1^{\circ}$		 单位 UNIT: mm 名称 PART NAME 比例 SCALE: 1:1 型号 PART NAME SIZE: A4 REV/版本 A1 SHEET: 1 OF 1	TG-4BP 直式插头 (不带护套式尾帽) TG-4BP Straight Plug (without jacketed tail cap) TGG.4BP.340.KWLAD112