

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: $75\text{dB}(10\text{MHz}) \quad 40\text{dB}(1\text{GHz})$
 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: $\phi 7.1\text{mm} - \phi 8.0\text{mm}$

2. 电气性能

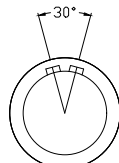
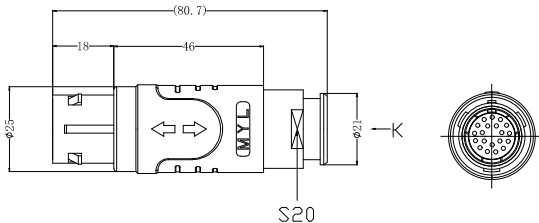
Insert Configuration/针芯配置: 4BP. 320 20Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance接触电阻: $\leq 9\text{m}\Omega$
 Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐电压: $1350\text{V}(\text{AC})$
 Rated working current额定工作电流: 8.0A

Other Specification/其它规格:

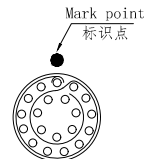
Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级: IP50

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

REV/版本	DESCRIPTION/内容内容	DATE/日期	DRAWN BY/制图



Plug front view
插头前视图



view K
K向孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P003	2024. 05. 28



美易连电子科技（深圳）有限公司
 Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE (UNLESS SPECIFIED) $\approx 10 \pm 0.1$ $< 10^{\circ} \approx 20 \pm 0.15$ $< 20^{\circ} \approx 30 \pm 0.3$ Angle $\pm 1^{\circ}$	 FIRST ANGLE PROJECTION	单位 UNIT: mm	名称 NAME	TG-4BP直式插头（带护套式尾帽） TG-4BP Straight Plug (with jacketed tail cap)
		比例 SCALE: 1: 1	型号 PART NAME	TGG. 4BP. 320. KWLAD82Z
REV/版本	A1	SHEET: 1 OF 1		