

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃
 Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 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 : 15g[10Hz~2000Hz]
 Shock Resistance/冲击 : 100g[6ms]
 Endurance (Shell)/机械寿命 : 5000+
 Cable/配接电缆: $\phi 2.4\text{mm}$ - $\phi 3.3\text{mm}$

2. 电气性能

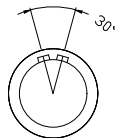
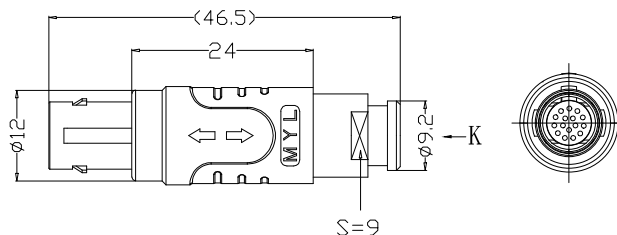
Insert Configuration/针芯配置: 1BP. 316 16Low Voltage
 Pin Size/接触件直径: $\phi 0.5\text{mm}$
 Contact resistance接触电阻: $\leq 15\text{m}\Omega$
 Insulation resistance/绝缘电阻: 50000Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 750V(AC)
 Rated working current额定工作电流: 1.5A

Other Specification/其它规格:

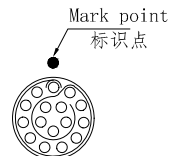
Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质 : PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PPS
 IP Rating/防护等级 : IP50

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

REV/版本	DESCRIPTION/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
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 批准: P005	2024. 05. 28



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GENERAL TOLERANCE (UNLESS SPECIFIED) $\leq 10 \pm 0.1$ $< 10^\circ \leq 20 \pm 0.15$ $< 20^\circ \leq 50 \pm 0.3$ Angle $\pm 1^\circ$	FIRST ANGLE PROJECTION	单位 (UNIT): mm	名称	TG-1BP 直式插头 (带护套式尾帽)
		比例 SCALE: 1: 1	PART NAME	TG-1BP Straight Plug (with jacketed tail cap)
		型号 SIZE: A4	PART NAME	TGA. 1BP. 316. KWLAD35Z

REV/版本 A1 SHEET: 1 OF 1