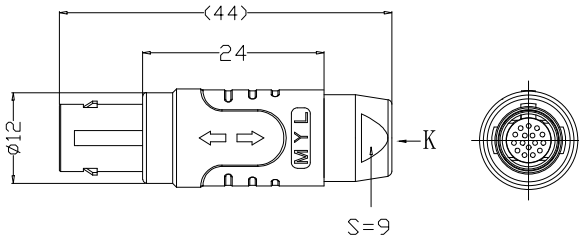


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: -55°C~150°C
 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: $\phi 3.1\text{mm}-\phi 4.0\text{mm}$



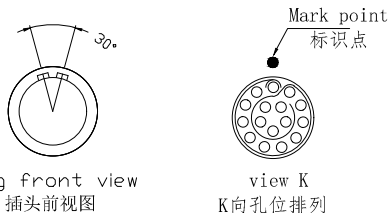
2. 电气性能

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: 5000M Ω (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.



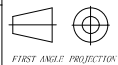
S=9

插头前视图

K向孔位排列

DRAWN BY: 绘图:PD03	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:PD05	2024.05.28	

GENERAL TOLERANCE (UNLESS SPECIFIED)	≤ 10 ± 0.1 $< 10^\circ \leq 20$ ± 0.15 $< 20^\circ \leq 50$ ± 0.3 Angle $\pm 1^\circ$
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FIRST ANGLE PROJECTION

REV/版本	A1
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单位 UNIT: mm
比例 SCALE: 1:1
尺寸 SIZE: A4

名称 PART NAME	TG-1BP直式插头(不带护套式尾帽) TG-1BP Straight Plug (without jacketed tail cap)
型号 PART NAME	TGA.1BP.316.KWLAD42

SHEET: 1 OF 1
