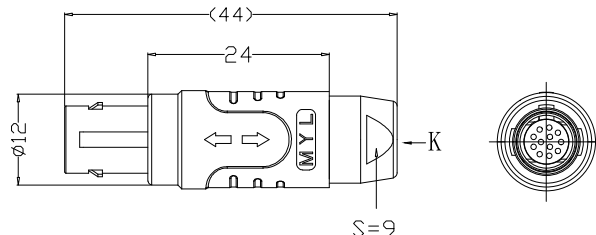


1. Product main performance/产品主要性能指标:

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: $\phi 2.1\text{mm}\sim\phi 3.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 1BP.312 12Low 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: $5000\text{M}\Omega$ (测试电压 $500\text{V}(\text{DC})$)
 Withstand voltage/耐压: $750\text{V}(\text{AC})$
 Rated working current额定工作电流: 2.0A



Plug front view
插头前视图

view K
K向孔位排列

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

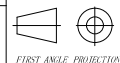
*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.

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

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



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 MeiYiLian electronic technology (shenzhen) Co., Ltd.



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1:1

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. 312. KWLAD32

REV/版本

A1

SHEET: 1 OF 1