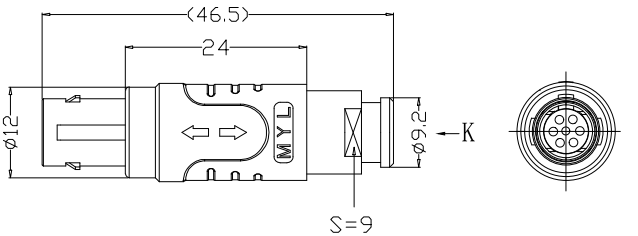
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/绘图

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

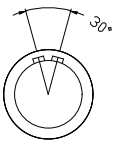
Mechanical data/机械特性:
Vibration/振 动 : 15g[10Hz～2000Hz]
Shock Resistance/冲 击 : 100g[6ms]
Endurance (Shell)/机械寿命 : 5000+
Cable/配接电缆:Φ3.1mm-Φ4.0mm



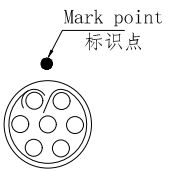
2.电气性能

Insert Configuration/针芯配置:1BP.307 7Low Voltage
Pin Size/接触件直径:Φ0.7mm
Contact resistance接触电阻:≤12.5mΩ
Insulation resistance/绝缘电阻:5000MΩ(测试电压500V(DC))
Withstand voltage/耐电压:950V(AC)
Rated working current额定工作电流:7.0A

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

DRAWN BY: 绘图:PD03 2024.05.28
CHECKED BY: 审核:ZO1 2024.05.28
APPROVED BY: 核准:PD05 2024.05.28

GENERAL TOLERANCE (UNLESS SPECIFIED)
≤10 ±0.1
<10~≤20 ±0.15
<20~≤50 ±0.3
AngIe ±1°

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

FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME	TG-1BP直式插头（带护套式尾帽） TG-1BP Straight Plug (with jacketed tail cap)
比例 SCALE: 1:1		
SIZE: A4	型号 PART NAME	TGA.1BP.307.KWLAD42Z
REV/版本 A1	SHEET:1 OF 1	

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