

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

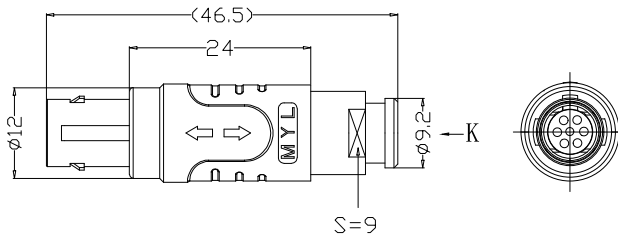
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: $\phi 4.4\text{mm}-\phi 5.3\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 1BP. 307 7Low Voltage

Pin Size/接触件直径: $\phi 0.7\text{mm}$

Contact resistance接触电阻: $\leq 12.5\text{m}\Omega$

Insulation resistance/绝缘电阻: $5000\text{M}\Omega$ (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

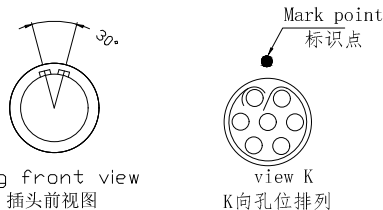
Housing Material/外壳材质 : PEEK

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

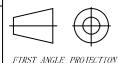
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美易连电子科技(深圳)有限公司
Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE
(UNLESS SPECIFIED)

≤ 10 ± 0.1
 $< 10^\circ \leq 20$ ± 0.15
 $< 20^\circ \leq 50$ ± 0.3
 Angle $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位
UNIT: mm

名称
PART NAME

比例
SCALE: 1: 1

型号
PART NAME

REV/版本
A1

SHEET: 1 OF 1

TG-1BP直式插头(带护套式尾帽)
TG-1BP Straight Plug
(with jacketed tail cap)

TGA. 1BP. 307. KWLAD58Z