

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: $\phi 3.4\text{mm}-\phi 4.3\text{mm}$

2. 电气性能

Insert Configuration/针芯配置: 2BP. 314 14Low 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: 1150V(AC)

Rated working current额定工作电流: 6.5A

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

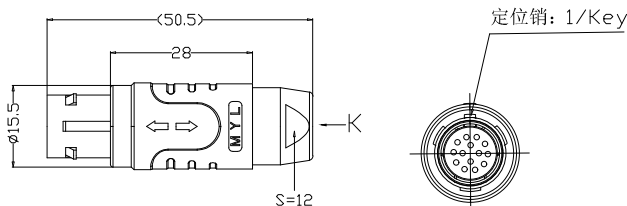
Other Shell Material/其它壳体材质: 铜镀镍

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



Mark point
标识点



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:
核准: P005 2024. 05. 28

GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

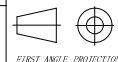
$< 10 \sim \leq 20 \pm 0.15$

$< 20 \sim \leq 50 \pm 0.3$

Angle $\pm 1^\circ$



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FIRST ANGLE PROJECTION

单位
UNIT: mm

比例
SCALE: 1: 1

名称
PART NAME

型号
PART NO

TG-2BP直式插头(不带护套式尾帽)
TG-2BP Straight Plug
(without jacketed tail cap)

REV/版本 A1

SHEET: 1 OF 1

TGG. 2BP. 314. KWLAD45