

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

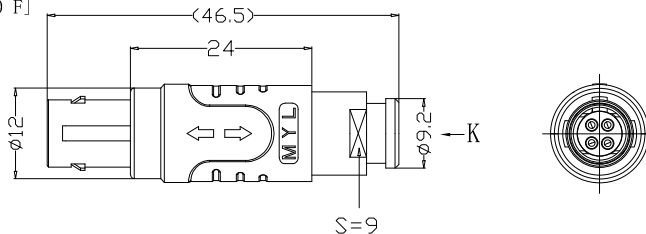
Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]

Shock Resistance/冲击 : 100g[6ms]

Endurance (Shell)/机械寿命 : 5000+

Cable/配接电缆: $\phi 5.1\text{mm}-\phi 6.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 1BP.304 4Low Voltage

Pin Size/接触件直径: $\phi 0.9\text{mm}$

Contact resistance接触电阻: $\leq 9\text{m}\Omega$

Insulation resistance/绝缘电阻: 5000 Ω (测试电压500V(DC))

Withstand voltage/耐电压: 1350V(AC)

Rated working current额定工作电流: 10.0A

Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金

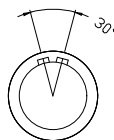
Housing Material/外壳材质 : PEEK

Other Shell Material/其它壳体材质 : 铜镀锌

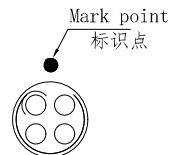
Insulator material/绝缘体材料: PEEK

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



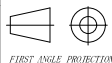
view K
K向孔位排列

DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
APPROVED BY: 核准: P005	2024. 05. 28



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GENERAL TOLERANCE (UNLESS SPECIFIED)
$\leq 10 \pm 0.1$
$< 10 \sim \leq 20 \pm 0.15$
$< 20 \sim \leq 50 \pm 0.3$
Angle $\pm 1^\circ$



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME
比例 SCALE: 1: 1	型号 PART NAME
SIZE: A4	
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. 304. KWKAD62Z
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