

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: $<95\%$ [at $60^{\circ}\text{C} / 140^{\circ}\text{F}$]

Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)

Salt Spray Corrosion/盐雾: 96hr

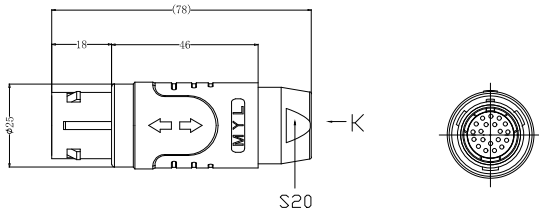
Mechanical data/机械特性:

Vibration/振动: $15\text{g}[10\text{Hz} \sim 2000\text{Hz}]$

Shock Resistance/冲击: $100\text{g}[6\text{ms}]$

Endurance (Shell)/机械寿命: 5000+

Cable/配接电缆: $\phi 7.1\text{mm} - \phi 8.0\text{mm}$



2. 电气性能

Insert Configuration/针芯配置: 4BP, 320 20Low 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: $5000\text{M}\Omega$ (测试电压500V(DC))

Withstand voltage/耐电压: 1350V(AC)

Rated working current额定工作电流: 8.0A

Other Specification/其它规格:

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

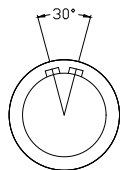
Housing Material/外壳材质: PEEK

Other Shell Material/其它壳体材质: 铜镀镍

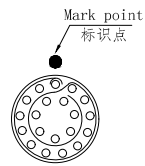
Insulator material/绝缘体材料: PEEK

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: PPO3 2024. 05. 28
CHECKED BY:
审核: Z01 2024. 05. 28
APPROVED BY:
核准: PPO3 2024. 05. 28

GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$

$< 10^{\circ} \sim 30^{\circ} \pm 0.15$

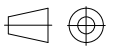
$< 20^{\circ} \sim 30^{\circ} \pm 0.3$

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 NAME

TG-1BP直式插头(不带护套式尾帽)
TC-4BP Straight Plug
(without jacketed tail cap)

TGG. 4BP. 320. KWKADS2

REV/版本

A1

SHEET: 1 OF 1