

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

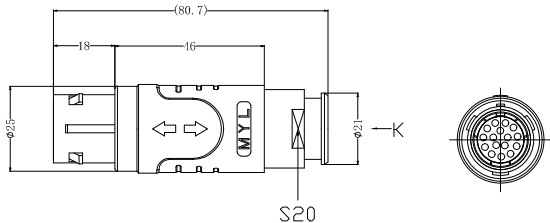
Mechanical data / 机械特性:

Vibration / 振动: 15g [10Hz~2000Hz]

Shock Resistance / 冲击: 100g [6ms]

Endurance (Shell) / 机械寿命: 5000+

Cable / 配接电缆: $\phi 12.1\text{mm} - \phi 13.0\text{mm}$



2. 电气性能

Insert Configuration / 针芯配置: 4BP.316 16Low Voltage

Pin Size / 接触件直径: $\phi 0.9\text{mm}$

Contact resistance / 接触电阻: $\leq 4\text{m}\Omega$

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: 10.0A

Other Specification / 其它规格:

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

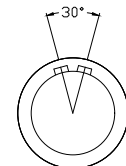
Housing Material / 外壳材质: PEEK

Other Shell Material / 其它壳体材质: 铜镀镍

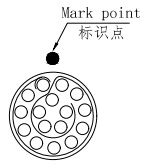
Insulator material / 绝缘体材料: PPS

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: 2024.05.28
绘图: P005
CHECKED BY: 2024.05.28
审核: Z01
APPROVED BY: 2024.05.28
核准: P005



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GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$
 $< 10^{\circ} \sim 20^{\circ} \pm 0.15$
 $< 20^{\circ} \sim 50^{\circ} \pm 0.3$
Angle $\pm 1^{\circ}$



FIRST ANGLE PROJECTION

单位
UNIT: mm

名称

比例
SCALE: 1:1

型号
PART NAME

REV/版本

尺寸
SIZE: A4

图号
SHEET: 1 OF 1

TG-4BP直式插头(带护套式尾帽)
TG-4BP Straight Plug
(with jacketed tail cap)

型号
PART NAME

TGG.4BP.316.KWLAD132Z