

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

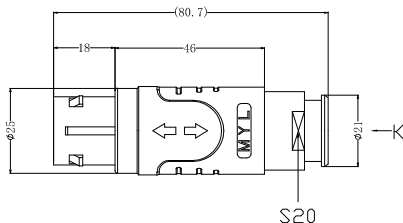
Mechanical data / 机械特性:

Vibration / 振动: 15g [10Hz ~ 2000Hz]

Shock Resistance / 冲击: 100g [6ms]

Endurance (Shell) / 机械寿命: 5000+

Cable / 配接电缆: $\phi 14.5\text{mm} - \phi 15.4\text{mm}$



2. 电气性能

Insert Configuration / 针芯配置: 4BP, 306 6Low Voltage

Pin Size / 接触件直径: $\phi 2.0\text{mm}$

Contact resistance / 接触电阻: $\leq 3.5\text{m}\Omega$

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

Withstand voltage / 耐电压: 2000V (AC)

Rated working current / 额定工作电流: 24.0A

Other Specification / 其它规格:

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

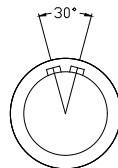
Housing Material / 外壳材质: PEEK

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

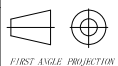
REV/版本	DESCRIPTION/变更内容	DATE/日期	DRAWN BY/制图

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



FIRST ANGLE PROJECTION

单位 UNIT: mm	名称 PART NAME	TG-4BP直式插头(带护套式尾帽) TG-4BP Straight Plug (with jacketed tail cap)
比例 SCALE: 1:1	型号 PART NAME	TGA.4BP.306.KWKAD156Z
尺寸 SIZE: A	REV/版本 A1	SHEET: 1 OF 1

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