

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:  $\phi$ 14.5mm- $\phi$ 15.4mm

2. 电气性能

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

Pin Size/接触件直径: $\phi$ 2.0mm

Contact resistance接触电阻: $\leq$ 3.5m $\Omega$

Insulation resistance/绝缘电阻:5000M $\Omega$  (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

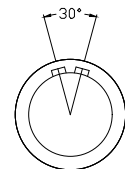
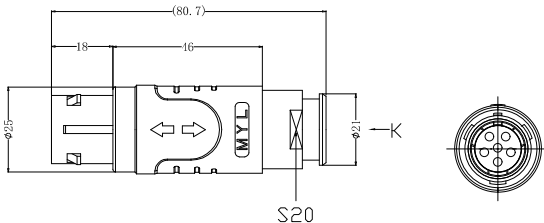
Other Shell Material/其它壳体材质: 铜镀镍

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.

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



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: F005	2024. 05. 28



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GENERAL TOLERANCE (UNLESS SPECIFIED)	<math>\le 10</math> $\pm 0.1$ <math>< 10 \sim \le 20</math> $\pm 0.15$ <math>< 20 \sim \le 50</math> $\pm 0.3$ Angle $\pm 1^\circ$
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REV/版本	A1
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单位 UNIT: mm	名称	TG-4BP直式插头(带护套式尾帽)
比例 SCALE: 1: 1	PART NAME	TG-4BP Straight Plug (with Jacketed tail cap)
型号 SIZE: A4	型号	TGA. 4BP. 306. KWKAD156Z
SHEET: 1 OF 1	PART NAME	