

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: $\phi 7.1\text{mm}-\phi 8.0\text{mm}$

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

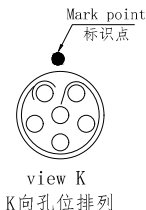
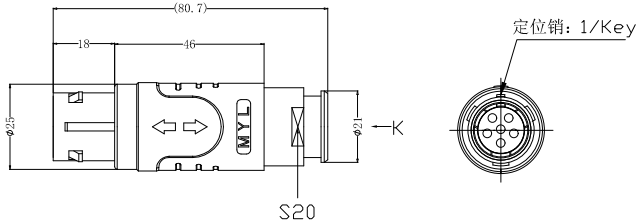
Other Shell Material/其它壳体材质 : 铜镀镍

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.

REV/版本	DESCRIPTION/备注内容	DATE/日期	DRAWN BY/制图



DRAWN BY: 绘图: P003	2024. 05. 28
CHECKED BY: 审核: Z01	2024. 05. 28
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GENERAL TOLERANCE (UNLESS SPECIFIED)	UNT: mm 比例 SCALE: 1: 1	名称 PART NAME	TC-4BP 直式插头 (带护套式尾帽) TC-4BP Straight Plug (with jacketed tail cap)
$\leq 10 \pm 0.1$	第一角投影 FIRST ANGLE PROJECTION	型号 PART NAME	TGG. 4BP. 306. KWKAD82Z
$< 10^{\circ} \sim \leq 20^{\circ} \pm 0.15$	REV/版本 A1	SHEET: 1 OF 1	
$< 20^{\circ} \sim \leq 30^{\circ} \pm 0.3$			
Angle $\pm 1^{\circ}$			