

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

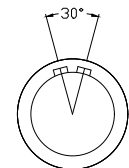
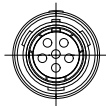
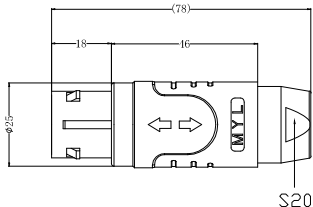
Insert Configuration/针芯配置:4BP.306 6Low Voltage  
 Pin Size/接触件直径: $\phi 2.0\text{mm}$   
 Contact resistance接触电阻: $\leq 3.5\text{m}\Omega$   
 Insulation resistance/绝缘电阻:5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐电压:2000V(AC)  
 Rated working current额定工作电流:24.0A

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: 铜电镀  
 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.

REV/版本	DESCRIPTION/描述内容	DATE/日期	DRAWN BY/制图



Plug front view  
插头前视图



view K  
K向孔位排列

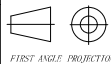
DRAWN BY: 绘图: P003	2024.05.28
CHECKED BY: 审核: Z01	2024.05.28
APPROVED BY: 核准: P005	2024.05.28



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GENERAL TOLERANCE  
 (UNLESS SPECIFIED)

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



FIRST ANGLE PROJECTION

UNIT: mm  
 比例 SCALE: 1:1  
 SIZE: A4

REV/版本 A1 SHEET-1 OF 1

名称 PART NAME

型号 PART NAME

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

TGA.4BP.306.KWLAD82