

### 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: Φ8.1mm-Φ9.0mm

### 2. 电气性能

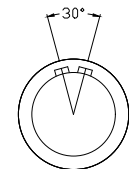
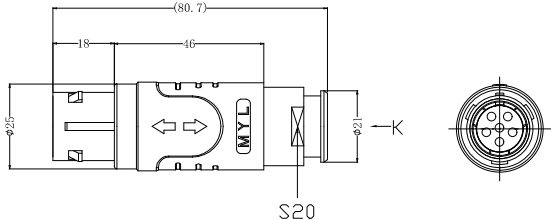
Insert Configuration/针芯配置:4BP.306 6Low Voltage  
 Pin Size/接触件直径:Φ2.0mm  
 Contact resistance接触电阻:≤3.5mΩ  
 Insulation resistance/绝缘电阻:5000MΩ (测试电压500V(DC))  
 Withstand voltage/耐电压:2000V(AC)  
 Rated working current额定工作电流:24.0A

### 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 : PEK  
 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.

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



Plug front view  
插头前视图



view K  
K向孔位排列

DRAWN BY: 绘图:PDG3	2024.05.28
CHECKED BY: 审核:Z01	2024.05.28
APPROVED BY: 核准:PDG5	2024.05.28



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GENERAL TOLERANCE (UNLESS SPECIFIED)	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)
	SCALE: 1:1		
≤10 ±0.1	FIRST ANGLE PROJECTION	型号 PART NAME	TGA. 4BP. 306. KWLD92Z
<10° ≤20 ±0.15			
<20° ≤50 ±0.3	REV/版本 A1	SHEET: 1 OF 1	
Angle ±1°			