



■ 图示(Pic. shown) : TL221T-04P-KC

General: PCB Connector Rated : 320V, 12A , 2.5mm²
Single row , 5.00mm pitch , 02-24 Pole
Wiring orientation: 90° (wire to plug-in)
Screw clamp unit: M2.5, 0.4Nm Max

认证 (Approval) :



技术参数 Technical Data	UL standard			IEC standard		
UL应用组别(UL Application group)	UL Application group			IEC过电压别/污染等级(IEC overvoltage category /pollution degree)		
IEC过电压别/污染等级(IEC overvoltage category /pollution degree)	B	C	D	III / 3	III / 2	II / 2
额定电压(Rated voltage)	300V	--	300V	320V	320V	630V
额定电流(Rated current)	10A	--	10A	12A	12A	12A
额定连接容量(Rated connection capacity)	24-14AWG			0.34-2.5mm ²		
刚性导线横截面 (AWG) (Conductor cross section,solid)				24-14		
柔性导线横截面 (AWG) (Conductor cross section,stranded)				24-14		
刚性导线横截面 (mm2) (Conductor cross section,rigid)				0.34-2.5		
柔性导线横截面 (mm2) (Conductor cross section,flexible)				0.34-2.5		
柔性导线横截面, 不带绝缘套管的冷压头(mm2) (Conductor cross section flexible , with ferrule without plastic)				0.2-1.0		
柔性导线横截面, 带绝缘套管的冷压头 (mm2) (Conductor cross section flexible , with ferrule with plastic sleeve)				0.2-1.0		
2根具有相同横截面的导线, 柔性, 带TWIN套管及塑料套管(mm2) (2 conductors with the same section flexible with TWIN ferrule and plastic sleeve)				--		
绝缘材料(Insulation Material)				PA66 UL94 V-0		
绝缘材料组别(Material group)				I		
电流承载部件材料和镀层(Material & Plating of Current carrier)				Copper alloy , Tin plated		
接线弹片材料(Material of Clamp spring)				--		
耐电压(1分钟)(Withstanding Voltage/1Min)				1600V		
额定冲击电压(Rated surge voltage)				4000V		
接线螺丝(Wire clamp unit Screw), 最大扭矩(torque Max.)				M2.5 , 0.4Nm Max		
固定螺丝(Mounting Screw), 扭矩(torque)				--		
剥线长度(Wire stripping length)				6.0mm		
使用温度(Operating temperature)				-40°C up to +105°C(UL)& -40°C up to +120°C(IEC)		
存储温度(Storage temperature)				-40°C up to +70°C		
存储相对湿度(Storage relative humidity)				≤70%		
焊接方式(Soldering recommend)				--		

■ 订购方式(How to order)

TL	2	21	T	—	XXXX	—	XXP	—	X	X
Series No. 系列号	Pitch间距 2=5.00mm	Differentiate Number 区分号	Female Connector 插头		Special code 特编号 XXXX=custom-made blank=standard		No. of Poles 极数 02-24P		Color 颜色 Black : K Green : G12	Screw Type 螺丝S=Slot C=Cross

■ 针座 (Pin header) — single row



P/N : TL205P

Wiring orientation :

90° (plug-in to board)

Rated : 320V,12A