

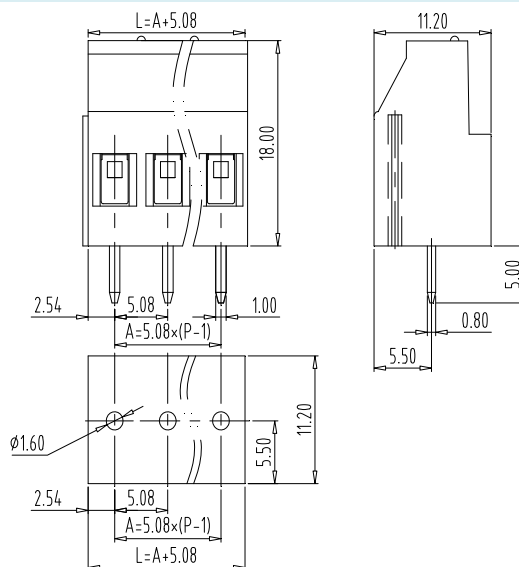
PCB terminal block — TL series(Raising Clamp)—TL312V



■ 图示(Pic. shown) : TL312V-05P-G12S

General. PCB terminal block Rated :300V, 20A , 4.0mm²
Single row , 5.08mm pitch , 02P-24P Pole
Wiring orientation: 180°(wire-to-board)
Screw clamp unit: M3, 0.5Nm

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	--	300V	--
额定电流(Rated current)	20A	--	10A	--	20A	--
额定连接容量(Rated connection capacity)	24~12AWG			0.34~4.0mm²		
刚性导线横截面 (AWG) (Conductor cross section,solid)		24~12				
柔性导线横截面 (AWG) (Conductor cross section,stranded)		24~12				
刚性导线横截面 (mm2) (Conductor cross section,rigid)		0.34~4.0				
柔性导线横截面 (mm2) (Conductor cross section,flexible)		0.34~4.0				
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		0.5~2.5				
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)		0.5~2.5				
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)		0.5~1.5				
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)		4KV				
接线螺丝(Wire clamp unit Screw)，最大扭矩(torque Max.)		M3, 0.5Nm				
固定螺丝(Mounting Screw)，扭矩(torque)		--				
剥线长度(Wire stripping length)		7.0~8.0mm				
使用温度(Operating temperature)		-40°C up to +105°C				
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)	Wave soldering ,260°C 5S Max (Single Wave) , 260°C 10S Max(Double Wave)					

■ 订购方式(How to order)

TL	3	12	V	XXXX	XXP	X	S
Series No. 系列号	Pitch间距 3=5.08mm	Differentiate Number 区分号	Connection angle 角度V=180° wire-to-board	Special code 特编号 XXXX=custom-made blank=standard	No. of Poles 极数 02-24P	Color 颜色 Green: G12	Screw Type 螺丝S=Slot C=Cross