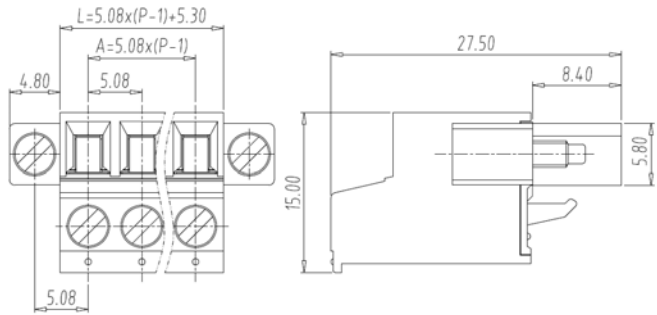


PCB Connector — TLP series (Female Connector)— TLPSW-301



■ 图示(Pic. shown) : TLPSW-301-06P-G12S

General.	PCB Connector Rated : 320V,20A , 2.5mm ²
	Single row , 5.08mm pitch , 02 ~ 24 Pole
	Wiring orientation: 180°(wire to plug-in)
	Screw clamp unit: M2.5, 0.4-0.5N.m

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	250V	320V	630V
额定电流(Rated current)	16A	--	10A	20A	20A	20A
额定连接容量(Rated connection capacity)	30 ~ 12AWG			0.34 ~ 2.5mm ²		
刚性导线横截面 (AWG) (Conductor cross section,solid)	30~12					
柔性导线横截面 (AWG) (Conductor cross section,stranded)	30~12					
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	0.34~2.5					
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)	0.34~2.5					
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)	4000V					
接线螺丝(Wire clamp unit Screw) , 最大扭矩(torque Max.)	M2.5, 0.4-0.5N.m					
固定螺丝(Mounting Screw) , 扭矩(torque)	M2.5, 0.2-0.25N.m					
剥线长度(Wire stripping length)	10.0 ~ 11.0mm					
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)

TLPSW	—	3	—	01	—	XXXX	—	XXP	—	X	—	X
Series No. 系列号		Pitch间距 3=5.08mm		Differentiate Number 区分号		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

■ 编码片 Coding key



P/N:
TLPCK-002-S

■ 针座 (Pin header) — single row



P/N : TLPHW-300V
Orientation :
90° (plug-in to board)
Rated:320V,20A
With threaded flange



P/N : TLPHW-300R
Orientation :
180° (plug-in to board)
Rated:320V,20A
With threaded flange

■ 针座 (Pin header) — single row



P/N : TLPHW-300V-XXP-HT
Orientation :
90° (plug-in to board)
Rated:630V,20A
With threaded flange



P/N : TLPHW-300R-XXP-HT
Orientation :
180° (plug-in to board)
Rated:630V,20A
With threaded flange

■ 针座 (Pin header) — single row



P/N : TLPHW-300R-1603
Orientation :
180° (plug-in to board)
Rated:630V,20A
With threaded flange



P/N : TLPHW-300A
Orientation :
45° (plug-in to board)
Rated:630V,20A
With threaded flange

■ 针座 (Pin header) — single row



P/N : TLPHW-300R-0544
Orientation :
180° (plug-in to board)
Rated:6320V,20A
With threaded flange

■ 针座 (Pin header) — dual row in 1 plane



P/N : TLPHDW-300V
Orientation :
90° (plug-in to board)
Rated : 320V,20A
With threaded flange



P/N : TLPHDW-300R
Orientation :
180° (plug-in to board)
Rated:320V,20A
With threaded flange

■ 针座 (Pin header) — dual row in 1 plane



P/N : TLPHDW-303V
Orientation :
90° (plug-in to board)
Rated:320V,20A
With threaded flange



P/N : TLPHDW-303R
Orientation :
180° (plug-in to board)
Rated : 320V,20A
With threaded flange

■ 插头 (Male Connector) — single row



P/N : TLPHSW-304
Orientation :
180° (plug-in to board)
Rated : 630V,20A
With threaded flange



P/N : TLPHSW-318
Orientation :
180° (plug-in to board)
Rated : 630V,20A
With threaded flange

■ 针座 (Pin header) — single row



P/N : TLPHW-306
Orientation :
180° (plug-in to board)
Rated : 630V,18A
With threaded flange