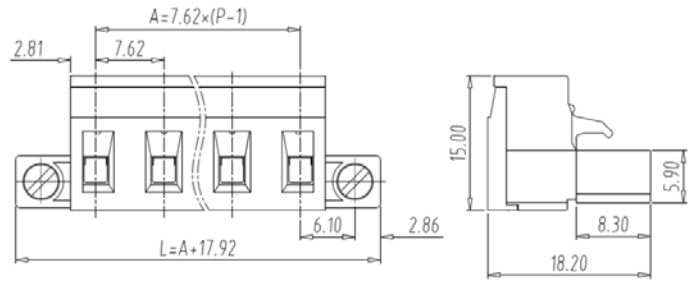


PCB Connector — TLP series (Female Connector)— TLPSW-500V



■ 图示(Pic. shown) : TLPSW-500V-05P-G12S

General.	PCB Connector Rated : 630V,20A , 4mm ²
	Single row , 7.62mm pitch , 02 ~ 12 Pole
	Wiring orientation: 180°(wire to plug-in)
	Screw clamp unit: M3, 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	150V	300V	500V	630V	1000V
额定电流(Rated current)		16A	16A	10A	20A	20A	20A
额定连接容量(Rated connection capacity)		30 ~ 12AWG			0.2~2.5mm ² Sol&Str,4.0mm ² Sol		
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)					0.2~4		
柔性导线横截面 (mm2) (Conductor cross section,flexible)					0.2~2.5		
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 sleeve)					0.25~2.5		
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)					0.25~2.5		
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		
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)					6000V		
接线螺丝(Wire clamp unit Screw) , 最大扭矩(torque Max.)					M3, 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)					6.5 ~ 7.5mm		
使用温度(Operating temperature)					-40°C up to +115°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)					--		

■ 订购方式(How to order)

TLPSW	—	5	00	V	—	XXXX	—	XXP	—	X	X
Series No. 系列号		Pitch间距 5=7.62mm	Differentiate Number 区分号	Connection angle 角度V=180° wire to plug-in		Special code 特编号 XXXX=custom-made		No. of Poles 极数 02 ~ 12P		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-500V
Orientation :
90° (plug-in to board)
Rated:630V,20A
With threaded flange



P/N : TLPHW-500R
Orientation :
180° (plug-in to board)
Rated:630V,20A
With threaded flange