

■ 图示 (Pic. shown): TLPSW-501-02P-G12C

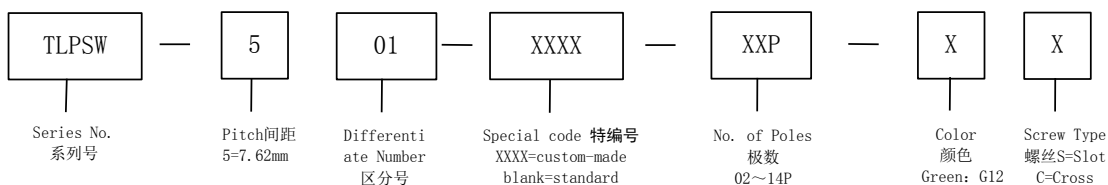
General.	PCB Connector	Rated : 1000V, 41A, 6.0mm ²
	Single row , 7.62mm pitch , 02-14 Pole	
	Wiring orientation: 180° (wire to plug-in)	
	Screw clamp unit: M3, 0.8N.m Max	

认证 (Approval) :



■ 技术参数 Technical Data	UL standard			IEC standard		
	UL Application group			IEC过电压别/污染等级 (IEC overvoltage category /pollution degree)		
UL应用组别 (UL Application group)	B	C	D	III / 3	III / 2	II / 2
IEC过电压别/污染等级 (IEC overvoltage category /pollution degree)						
额定电压 (Rated voltage)	600V	600V	600V	1000V	1000V	1000V
额定电流 (Rated current)	41A	41A	5A	41A	41A	41A
额定连接容量 (Rated connection capacity)	24-8AWG			0.34~6.0mm ²		
刚性导线横截面 (AWG) (Conductor cross section, solid)				24~4		
柔性导线横截面 (AWG) (Conductor cross section, stranded)				24~4		
刚性导线横截面 (mm ²) (Conductor cross section, rigid)				0.34~6		
柔性导线横截面 (mm ²) (Conductor cross section, flexible)				0.34~4		
柔性导线横截面, 不带绝缘套管的冷压头 (mm ²) (Conductor cross section flexible, with ferrule without plastic sleeve)				0.34~4		
柔性导线横截面, 带绝缘套管的冷压头 (mm ²) (Conductor cross section flexible, with ferrule with plastic sleeve)				0.34~4		
2根具有相同横截面的导线, 柔性, 带TWIN套管及塑料套管 (mm ²) (2 conductors with the same section flexible with TWIN ferrule and plastic sleeve)				0.34~1.5		
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)				4200V		
额定冲击电压 (Rated surge voltage)				8000V		
接线螺丝 (Wire clamp unit Screw), 最大扭矩 (torque Max.)				M3 , 0.8 N • m		
固定螺丝 (Mounting Screw), 扭矩 (torque)				M3 , 0.3~0.4 N • m		
剥线长度 (Wire stripping length)				10~11mm		
使用温度 (Operating temperature)				-40° C up to +115° 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)



■ 编码片 Coding key



P/N:
TLPCK-002-S

■ 针座 (Pin header) — single row



P/N: TLPHW-501V
Orientation:
90° (plug-in to board)
Rated:630V, 41A
With threaded flange



P/N: TLPHW-501R
Orientation:
180° (plug-in to board)
Rated:630V, 41A
With threaded flange

■ 针座 (Pin header) — single row



P/N: TLPHW-501RL
Orientation:
180° (plug-in to board)
Rated:630V, 41A
With threaded flange