

# TS4 连接器规格书TS4 Connector Datasheet

## TS4连接器简介TS4 Connector Overview

- 使用高质量材料，保证长期可靠性  
Use high quality materials that guarantee long-term reliability
- 低接触电阻，高载流能力，保证产品高效性  
Lower contact resistance and higher current transfer capability ensure high product efficiency
- 防水等级达到IP68，工作温度-40 °C to 85 °C  
TS4 connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85 °C



正极连接器Positive Connector



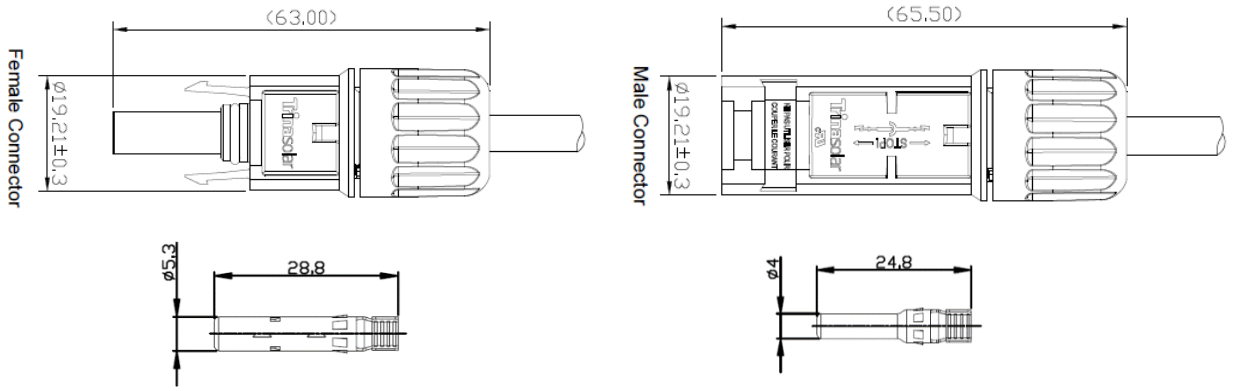
负极连接器Negative Connector



## TS4连接器技术参数TS4 Connector Specifications

额定电压Rated voltage	IEC 1500V&UL 1500V
额定电流Rated current @IEC (85°C)	41A (4.0mm <sup>2</sup> / 12AWG) 46A (6.0mm <sup>2</sup> / 10AWG) 55A (10.0mm <sup>2</sup> / 8AWG)
额定脉冲电压Rated impulse voltage	16KV
环境温度范围Ambient temperature range	-40°C~+85°C
接触电阻Contact resistance	≤0.5mΩ
应用等级Application degree	Class A
防护类别Protection class	Class II
污染等级Pollution degree	2
防护等级Degree of protection	IP68 (1m, 1h) , 已插合mated IP2X, 未插合unmated
阻燃等级Flame class	UL94-V0
绝缘材料Insulation material	m-PPE/PA
金属材料Contact material	铜, 镀锡Copper, Tin-plated
接线方式Type of termination	压接Crimping
锁紧系统Locking system(UL)	嵌入式Locking type
TUV,IEC62852	R50401767, R50385924
UL,UL6703	E486009

## 外观尺寸图 Appearance Size Drawing (mm)



## 产品选型表 Product Selection Form

型号 Type	料号 P/N	电缆外径 Cable OD	导体截面积 Conductor Cross Section		工具料号 Tool P/N		
			mm	mm <sup>2</sup>	AWG	剥线钳料号 Wire Stripper P/N	压接工具料号 Rivet Plier P/N
TS4-F1	7A000986	4.7-6.0	4.0/6.0	12/10	7A001039	7A001038	7A001040
TS4-M1	7A000987						
TS4-F2	7A000982						
TS4-M2	7A000983						
TS4-F3	7A002404	6.0-6.6					
TS4-M3	7A002425						
TS4-F4	7A000984	6.0-7.2					
TS4-M4	7A000985						
TS4-F5	7A000992	7.2-8.7	10.0	8	7A001037	7A001036	
TS4-M5	7A000981						
TS4-F6	7A000990						
TS4-M6	7A000991						

## 工具箱 Toolkit

工具 TOOL	数量 QTY.
剥线钳 Strip Clamp	1 pc
压接钳 Rivet Clamp	1 pc
塑料扳手 Plastic Spanner	2 pcs

