

# TS4 连接器规格书TS4 Connector Datasheet

## TS4连接器简介TS4 Connector Overview

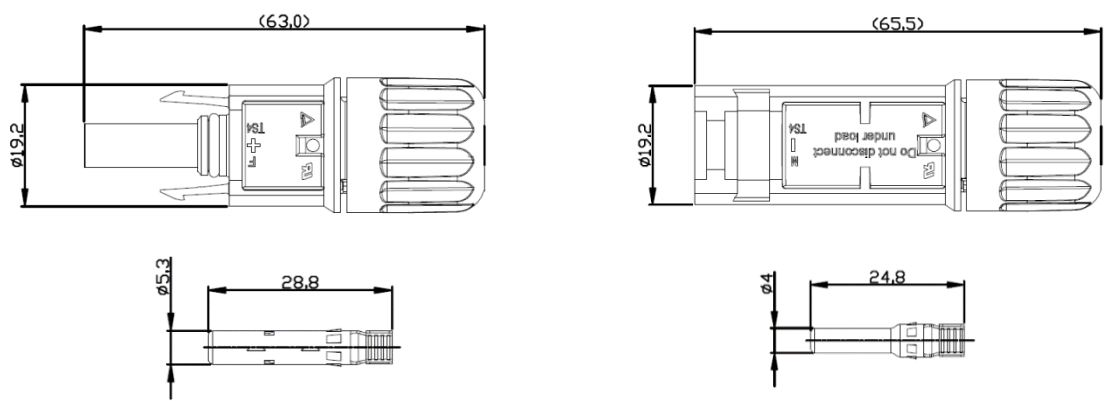
- 使用高质量材料，保证长期可靠性  
Use high quality materials that guarantee long-term reliability
- 低接触电阻，高载流能力，保证产品高效性  
Lower contact resistance and higher current transfer capability ensure high product efficiency
- 防水等级达到IP68，工作温度-40 °C to 85 °C  
TS4 connectors have IP68 water-proof rating and can be used in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



## 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
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	
		mm	mm <sup>2</sup>	AWG
TS4-F1	7A000986	4.7-6.0	4.0/6.0	12/10
TS4-M1	7A000987			
TS4-F2	7A000982	5.6-6.8		
TS4-M2	7A000983			
TS4-F3	7A000988	6.0-6.6		
TS4-M3	7A000989			
TS4-F4	7A000984	6.0-7.2		
TS4-M4	7A000985			
TS4-F5	7A000992	7.2-8.7	10.0	8
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

