



RECOMMENDED PCB LAYOUT

N = Number of poles
 Dim A = N x 5.0
 Dim B = (N - 1) x 5.0

	Dim A	Dim B
2-6p	±0.15	±0.10
7-12p	±0.20	±0.20
13-18p	±0.30	±0.25
19-24p	±0.40	±0.30

SIGN	DATE	DESCRIPTION	APPROVER
△	02/09'06	Part No. is changed.	Marvin
△	06/22'06	Safety is changed from UL 250V/16A to cULus 300V/15A	Marvin
△	08/01'06	cULus Solid wire and Stranded wire is changed.	Marvin
△	04/03'10	Part No. is changed.	Tason
△	09/27'10	Wire range is changed from 0.75-1.5mm ² to 0.5-1.5mm ²	Tason
△	05/11'11	The dimension is changed from 9.9mm to 10.0mm	Tason
△	05/11'11	Change here	Tason
△	05/11'11	The CSA spec is removed	Tason

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!

Material

- Item ① Terminal body: Brass(CuZn), Tin plated
- Item ② Terminal screw: Steel Zinc plating "-" slot type
- Item ③ Wire guard: Stainless steel
- Item ④ Terminal housing: Thermoplastic (UL94V-0)

Electrical cULus/VDE

- Voltage rating: 300VAC/250VAC
- Current rating: 15A/17.5A
- Wire range: 0.5-1.5mm²
- Solid wire(AWG): 14-22/14-22
- Stranded wire(AWG): 14-22/14-22
- Torque: 2.6Lb-In/0.4Nm
- Screw: M2.6
- Wire strip length: 5-6mm
- Withstanding Voltage: 1.6KV/2KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 250°C±10°C/5 Sec
- SAFETY APPROVAL DATA: cULus VDE
- Critical dimension: ∇

TC xx 0 3 x x xxxx G △

POLES	COLOR	DIM C Length	000 0 Standard @ logo
02 02 CONTACTS	0 BLACK	0 4.4mm	000 A Standard ANY logo
03 03 CONTACTS	5 GREEN(RAL6018/T)	1 3.8mm	Any special item by
...	6 BLUE	2 3.5mm	customer request,
24 24 CONTACTS	8 GREY(RAL7035/D)	3 2.9mm	please contact sales
	C GREEN (RAL6018/U)		department.

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TITLE	TC-5.0 Series 2-Interlock			DWG NO.	8TC0061	
PART NO.	TCxx03xxxxxxG △			CUST NO.		
APPROVED	CHECKED	DESIGNED	DRAWN			
		Tason 2011.05.11	Tason 2010.04.03			
				SHEET: 01/01	SCALE: NONE	X.X ±0.30
				REV.: D	X.XX ±0.10	X° ±1°