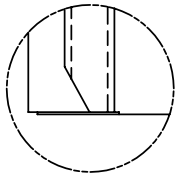
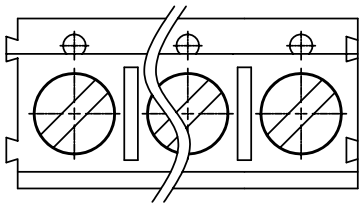
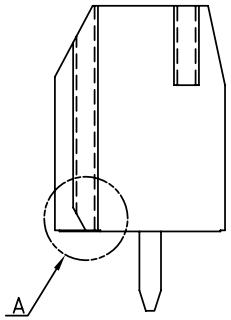
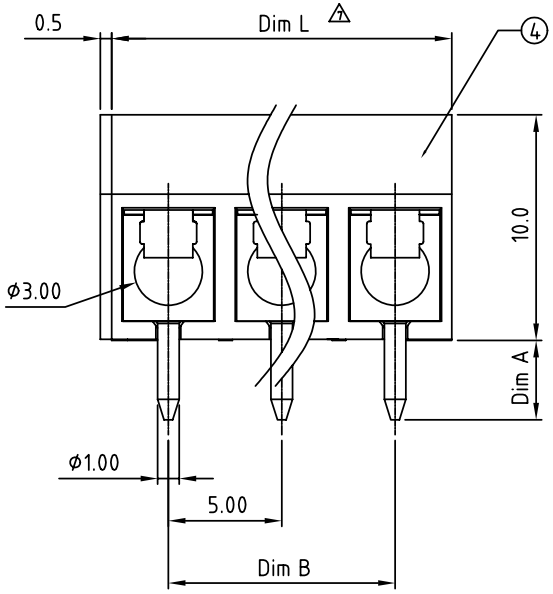
SIGN	DATE	DESCRIPTION	APPROVER
1	02/09'06	Part No. is changed.	Marvin
2	06/22'06	Safety is changed from UL 250V/16A to cULus 300V/15A	Marvin
3	08/01'06	cULus Solid wire and Stranded wire is changed.	Marvin
4	04/19'07	Soldering temperature is changed from 245 to 250	Marvin
5	04/19'07	Body is changed.	Marvin
6	04/03'10	Part No. is changed.	Tason
7	07/23'10	Dim A to Dim L	Tason
8	09/27`10	Wire range is changed from 0.75-1.5mm^2 to 0.5-1.5mm^2	Tason
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

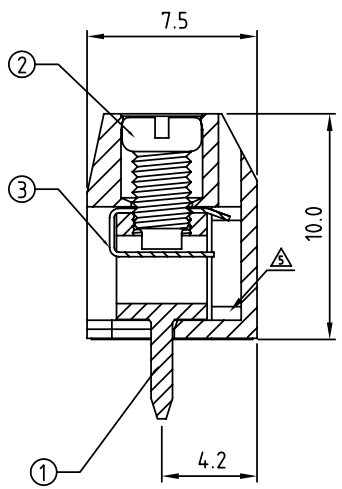


VIEW A









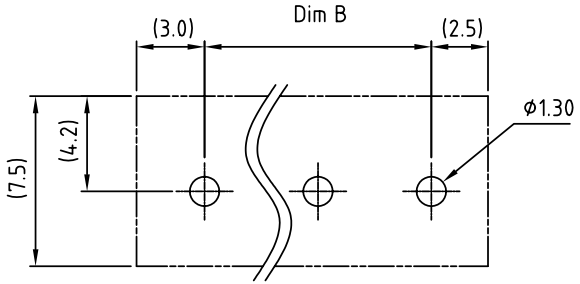
N=Number of contacts

N = Number of poles

Dim L=Nx5.0 1

Dim B=(N-1)x5.0

	Dim L	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



RECOMMENDED PCB LAYOUT

Material

- Item① Terminal body(metal housing): Brass(CuZn),Tin plated
- Item② Terminal screw: Steel Zinc plating "-" slot type
- Item③ Wire guard: Stainless steel
- Item④ Insulator (housing): Thermoplastic (UL94V-0)

2 Electrical cULus//VDE

- Voltage rating: 300VAC/250VAC
- Current rating: 15A/17.5A
- 6 Wire range:0.5-1.5mm^2
- Solid wire(AWG): 14-22/14-22
- 3 Stranded wire(AWG): 14-22/14-22
- Torque: 2.6Lb-In/0.4Nm
- Screw: M2.6
- Wire strip length: 6-7mm
- Withstanding Voltage: 1.6KV/2KV
- Operating temperature: -40°C to +115°C
- 4 Soldering temperature: 250°C±10°C/5 Sec
- SAFETY APPROVOL DETA: 6 cULus VDE

TC xx 0 3 x x A5xx G 1

Rohs Compliant

POLES	Color		DIM A Length		A50 0 @ Mark
02 02 CONTACTS	0	Black (RAL9005)	0	4.4mm	A50 A ANY Mark
03 03 CONTACTS	2	Red (RAL3001/D)	1	3.8mm	Any special item by customer request, please contact sales department.
...	3	Orange(RAL2011/P)	2	3.5mm	
24 24 CONTACTS	4	Yellow(RAL1018/A)			
	5	Green(RAL6018/T)			
	6	Blue (RAL5015/A)			
	8	Grey(RAL7035/D)			

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TITLE	TC-5.0mm Solid Block type series (2p-24p) "-"				
PART NO.	TCxx03xxA5xxG 6			DWG NO.	8TC0102
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	
		Tason 2010.09.27	Tason 2010.04.3	UNIT: mm / SCALE: NONE / SHEET: 01/01 / REV.: I	

Tolerance	
X.	±0.50
X.X	±0.30
X.XX	±0.10
X°	±1°