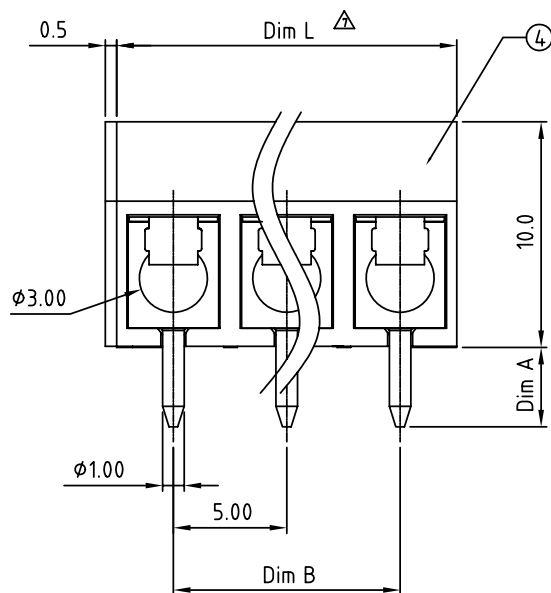
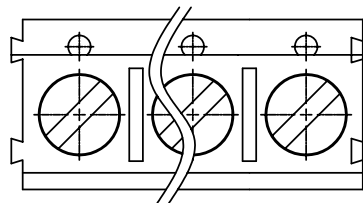
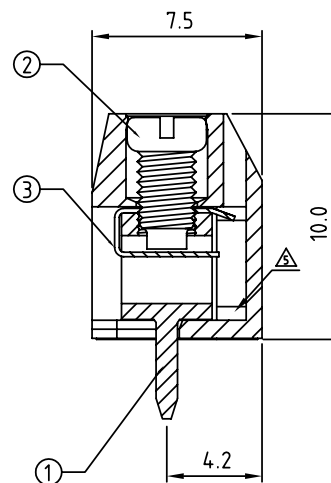


VIEW A

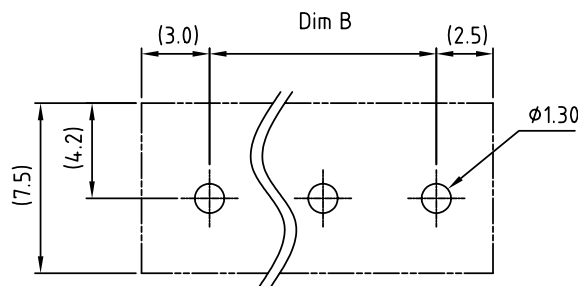


N=Number of contacts



N = Number of poles
Dim L=Nx5.0
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

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
△	04/19'07	Soldering temperature is changed from 245 to 250	Marvin
△	04/19'07	Body is changed.	Marvin
△	04/03'10	Part No. is changed.	Tason
△	07/23'10	Dim A to Dim L	Tason
△	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!!!			

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)

- △ 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: 6-7mm
 - Withstanding Voltage: 1.6KV/2KV
 - Operating temperature: -40°C to +115°C
- △ Soldering temperature: 250°C±10°C/5 Sec
- SAFETY APPROVAL DATA:

TC xx 0 3 x x A5xx G △

POLES	Color	Dim A Length	Rohs Compliant
02 02 CONTACTS	0 Black (RAL9005)	0 4.4mm	A50 0 @ Mark
03 03 CONTACTS	2 Red (RAL3001/D)	1 3.8mm	A50 A ANY Mark
...	3 Orange(RAL2011/P)	2 3.5mm	Any special item by
24 24 CONTACTS	4 Yellow(RAL1018/A)		customer request,
	5 Green(RAL6018/T)		please contact sales
	6 Blue (RAL5015/A)		department.
	8 Grey(RAL 7035/D)		

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TITLE	TC-5.0mm Solid Block type series (2p-24p) "-"						
PART NO.	TCxx03xxA5xxG △			DWG NO.	8TC0102		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance		
		Tason 2010.09.27	Tason 2010.04.3		UNIT: mm SCALE: NONE SHEET: 01/01	X.	±0.50
						X.X	±0.30
						X.XX	±0.10
						X°	±1°

Mouser Electronics

Authorized Distributor

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Amphenol:

<u>TC020362A500G</u>	<u>TC030362A500G</u>	<u>TC040362A500G</u>	<u>TC050362A500G</u>	<u>TC060362A500G</u>	<u>TC070362A500G</u>
<u>TC080362A500G</u>	<u>TC090362A500G</u>	<u>TC100362A500G</u>	<u>TC110362A500G</u>	<u>TC120362A500G</u>	<u>TC130362A500G</u>
<u>TC140362A500G</u>	<u>TC150362A500G</u>	<u>TC160362A500G</u>	<u>TC170362A500G</u>	<u>TC180362A500G</u>	<u>TC190362A500G</u>
<u>TC200362A500G</u>	<u>TC210362A500G</u>	<u>TC220362A500G</u>	<u>TC230362A500G</u>	<u>TC240362A500G</u>	