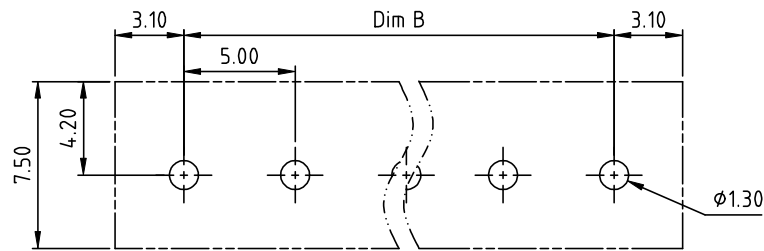
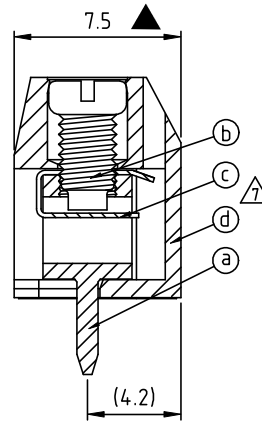
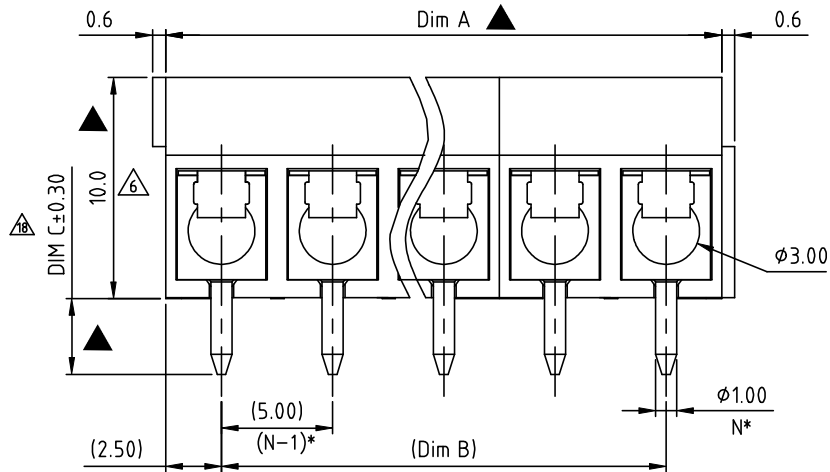
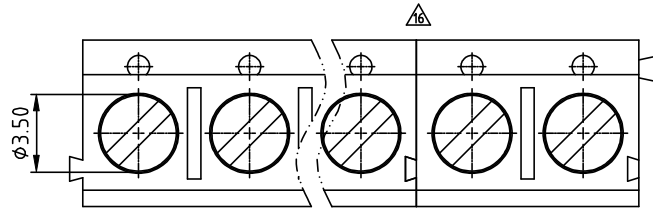


RoHS Compliant



RECOMMENDED PCB LAYOUT
TOP VIEW

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

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

REV	SIGN	DATE	DESCRIPTION	APPROVER
B	△	02/09'06	Part No. is changed.	Marvin
C	△	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
D	△	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
	△	11/20'19	15 A changed to 16 A	Feland
E	△	11/20'19	Add the "Wave Soldering temperature: 260°C±5°C/5 Sec"	Guoxue
	△	11/20'19	Add the ROHS compliant&Amphenol Logo.	Guoxue
	△	11/20'19	Add the CSA Electrical parameters	Guoxue
	△	11/20'19	Delete the Dim.B tolerance	Guoxue
	△	11/20'19	Add the "Reference dimension"	Guoxue
	△	11/20'19	Update the "color code"	Guoxue
	△	11/20'19	Update appearance features	Guoxue
	△	09/15'23	Remove the "CSA"	Guoxue
F	△	09/15'23	The dimension is change from "Dim.C " to "Dim.C±0.30"	Guoxue
	△	09/15'23	THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!	

Material ●Item③ Terminal body: Brass(CuZn),Tin plated
●Item① Terminal screw: Steel Zinc plating "--" slot type
●Item② Wire guard: Stainless steel
●Item④ Terminal housing:Thermoplastic (UL 94V-0)

- △ Electrical cULus / VDE △ △
● Voltage rating: 300VAC 250VAC
● Current rating: 16A 17.5A
● Wire range: 0.5-1.5mm²
● Solid wire(AWG): 14-22
● Stranded wire(AWG): 14-22
● Torque: 2.6Lb-In 0.4N.m
● Screw: M2.6
● Wire strip length: 5-6mm
● Withstanding Voltage: 1.6KV/2KV
● Operating temperature: -40°C to +115°C
● Wave Soldering temperature: 260°C±5°C/5 Sec
● SAFETY APPROVAL DETA: cULus △ △ △ △
● Critical dimension: △
● Reference dimension: (×)The dimensions of pitch are just for reference, take the actual assembly result as a judgment when inserting the terminal block into the PCB hole.

△ TC xx 0 3 x x xxxx G △

COLOR		DIM C Length		RoHS compliant (Lead<4%) In copper Alloy
02 2 POLES	0 Black (RAL9005)	0 4.4mm	000 0 Standard @ logo	
03 3 POLES	2 Red (RAL3001/D)	1 3.8mm	000 A Standard ANY logo	
...	3 Orange(RAL2011/P)	2 3.5mm	Any special item by	
...	4 Yellow(RAL1018/A)	3 2.9mm	customer request,	
12 12 POLES	5 Green(RAL6018/T)		please contact sales	
	6 Blue (RAL5015/A)		department.	
	9 Grey(RAL7035/D)			
	9 White(RAL1102)			
	C Green(RAL 6018/U)			

Amphenol
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TITLE		TC-5.0 Series 2-Interlock		
PART NO.	TCxx03xxxxxxG △	DWG NO.	8TC0061	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.
		Guoxue 2023.09.15	Guoxue 2023.09.15	
		SHEET: 01/01		REV.: F
		UNIT: mm		Tolerance
		SCALE: NONE		X. ±0.50
				X.X ±0.30
				X.XX ±0.10
				X° ±1°