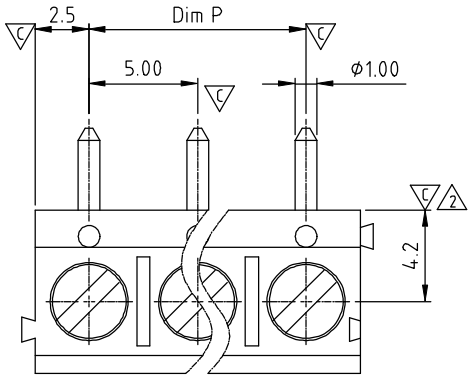
SIGN	DATE	DESCRIPTION	APPROVER
1	5/8'10	Add the tolerance table	Tason
2	5/8'10	Add the dimensions	Tason
3	03/14'14	Add the "TUV"	Guoxue
4	03/14'14	Update the drawing	Guoxue
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

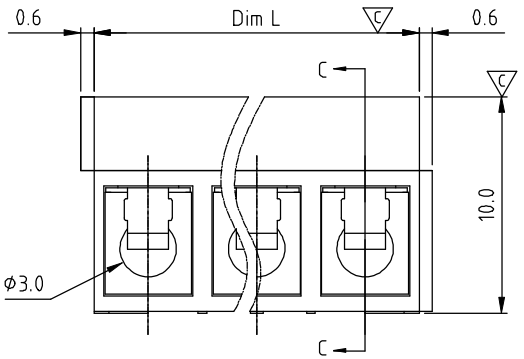


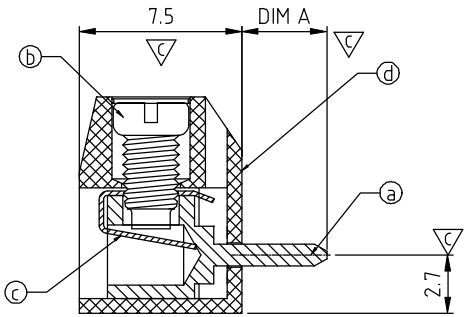
DIMENSION

Dim L	N×5.0
Dim P	(N-1)×5.0

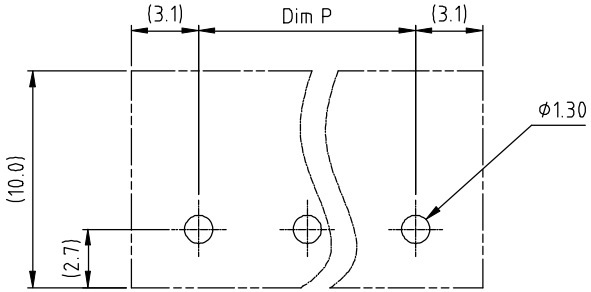
N=Number of poles

Poles	DIM P	DIM L
2p-6p	±0.15	±0.20
7p-12p	±0.20	±0.25
13p-18p	±0.25	±0.35
19p-24p	±0.35	±0.40





SECTION C-C



RECOMMENDED PCB LAYOUT

Material

- Item ⓐ Terminal body(metal housing): Brass(CuZn),Tin plated
- Item ⓑ Terminal screw: Steel Zinc plating "-" slot type
- Item ⓒ Wire guard :stainless steel
- Item ⓓ Insulator (housing): Thermoplastic (UL94V-0)

3 Electrical cULus / TUV

- Voltage rating: 250V/130V
- Current rating: 16A/17.5A
- Wire range: 0.5~1.5mm²
- Solid wire(AWG): 14
- Stranded wire(AWG): 16
- Torque(Lb-In): 2.6 / 2.6
- Screw: M2.6
- Wire strip length: 5-6mm
- Withstanding Voltage: 1.5KV/1.25KV
- Operating temperature: -40°C to +115°C
- 4 Soldering temperature: 260°C±5°C/5 Sec
- 3 Safety Approval: cULus TÜV
- Critical dimension: C

4 TD xx 0 1 x x xxxx G

End Stackable
- 02 02 POLES
- 03 03 POLES
- ...
- 24 24 POLES

Color
- 0 Black (RAL9005)
- 2 Red (RAL3001/D)
- 3 Orange(RAL2011/P)
- 4 Yellow(RAL1018/A)
- 5 Green(RAL6018/T)
- 6 Blue (RAL5015/A)
- 8 Grey(RAL7035/D)
- C Green(RAL6018/U)

DIM A Length
- 0 4.4mm
- 1 3.8mm
- 2 3.5mm

- 000 0 @ logo
- 000 A ANY logo
- Any special item by customer request, please contact sales department.

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TITLE	TD-5.0mm series 2p-24p "-"				
PART NO.	TDxx01xxxxxxG			DWG NO.	8TD0013
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	
		Guoxue 2014.03.17	Guoxue 2014.03.17	UNIT: mm / SCALE: NONE / SHEET: 01/01 / REV.: C	

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

Mouser Electronics

Authorized Distributor

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Amphenol:

TD0201610000G TD0301610000G TD0401610000G TD0501610000G TD0601610000G TD0701610000G TD0801610000G TD0901610000G TD1001610000G TD1101610000G TD1201610000G TD1301610000G TD1401610000G TD1501610000G TD1601610000G TD1701610000G TD1801610000G TD1901610000G TD2001610000G TD2101610000G TD2201610000G TD2301610000G TD2401610000G TD0301010000G TD0301810000G TD0501010000G TD0501810000G TD0201810000G TD0401020000G TD0201010000G TD0601010000G