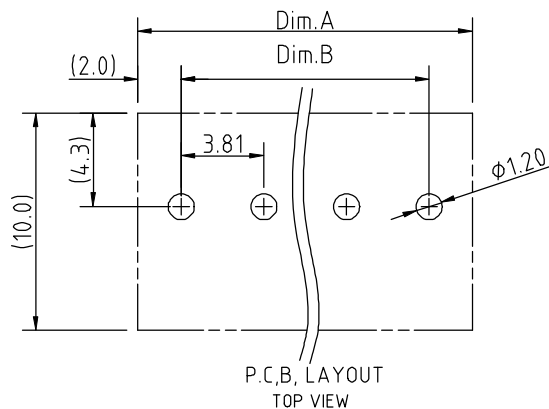
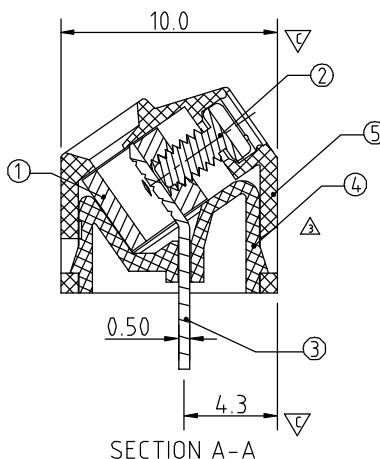
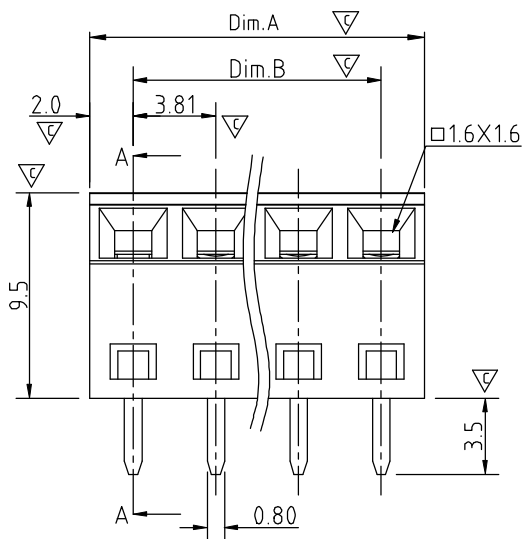


N = Number of poles
 Dim A = N x 3.81
 Dim B = (N-1) x 3.81

Poles	Dim A	Dim B
2-6p	±0.20	±0.15
7-12p	±0.25	±0.20
13-18p	±0.30	±0.25
19-24p	±0.35	±0.30



SIGN	DATE	DESCRIPTION	APPROVER
△	8/16'06	Added cULus standard	Steady
△	02/01'07	Part NO is change	Tason
△	08/28'12	Enlarge the chamfer to be 35 degree more	Guoxue
△	8/28'12	temperature changed from -30°C-105°C to -40°C-115°C	Guoxue
△	8/28'12	temperature changed from 250°C±10°C/5 Sec to 260°C±5°C/5 Sec	Guoxue
△	8/28'12	Add the tolerances	Guoxue
△	7/01'13	update the drawing	Guoxue

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

Material

- Item ① Terminal body (metal housing): Brass (CuZn) Ni plated
- △ ● Item ② Terminal screw: Steel Zinc plating "-" slot type
- Item ③ Contacts: Brass, Tin plated
- Item ④ Insulator (Cover): Thermoplastic (UL94V-0)
- Item ⑤ Insulator (Body): Thermoplastic (UL94V-0)

Electrical cULus

- Voltage rating: 300VAC
- Current rating: 10A
- Wire range:
- Solid wire (AWG): 16-28
- Stranded wire (AWG): 16-28
- Torque (Lb-In): 1.7
- Screw: M2
- Wire strip length: 5-6mm
- Withstanding Voltage: 1.6KV
- △ ● Operating temperature: -40°C to +115°C
- △ ● Soldering temperature: 260°C ± 5°C / 5 Sec
- Safety Approval: cULus
- Critical dimension:

TV xx 31x 0 xxx G

- 02 2 poles
- 03 3 poles
- ~
- 24 24 poles
- 0 Black
- 5 Green (RAL6018/T)
- 6 Blue
- 8 Grey (RAL 7035/D)
- C Green (RAL6018/U)
- 000 0 Standard @ Logo
- 000 A Standard ANY Logo
- Any special item by customer request, please contact sales department.
- G: RoHS compliant (lead < 4%)
- In copper Alloy

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TITLE	TV-3.81mm Series								
PART NO.	TVxx31x0xxxxG				DWG NO.	8TV0101			
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.				Tolerance	
		Guoxue 2013.07.08	Guoxue 2013.07.08		UNIT: mm		X.	±0.50	
					SCALE: NONE		X.X	±0.30	
					REV.: G		X.XX	±0.10	
SHEET: 01/01						X°	±1°		

Mouser Electronics

Authorized Distributor

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Amphenol:

<u>TV2331500000G</u>	<u>TV2431500000G</u>	<u>TV1831500000G</u>	<u>TV1231500000G</u>	<u>TV1531500000G</u>	<u>TV2131500000G</u>
<u>TV1431500000G</u>	<u>TV0631500000G</u>	<u>TV1131500000G</u>	<u>TV1631500000G</u>	<u>TV1731500000G</u>	<u>TV1331500000G</u>
<u>TV0431500000G</u>	<u>TV0931500000G</u>	<u>TV2231500000G</u>	<u>TV0831500000G</u>	<u>TV0531500000G</u>	<u>TV2031500000G</u>
<u>TV1931500000G</u>	<u>TV0731500000G</u>	<u>TV0231500000G</u>	<u>TV1031500000G</u>	<u>TV0331500000G</u>	<u>TV0231000000G</u>
<u>TV0331000000G</u>					