

SIGN	DATE	DESCRIPTION	APPROVER
△	01/27'07	The soldering temperature from 245°to 250°	Aaron
△	10/09'12	Update the drawing	Da cheng
△	04/19'13	Update the drawing	Jacky
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

△ Material

- Item ① Terminal body (Contact pin): Brass,Tin plated
- Item ② Spring clamp: Stainless steel
- Item ③ Terminal Cover: Thermoplastic (UL94V-0)
- Item ④ Terminal Body: Thermoplastic (UL94V-0)
- Item ⑤ Pad board: Thermoplastic (UL94V-0)

Electrical

- Voltage rating: 300V
- Current rating: 15A
- Wire range:
- Solid wire(AWG): 12-28
- Stranded wire(AWG): 12-28
- △ ● 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: 
- △ ● Critical dimension: 

cULus

HG xx 40 x 0 xxxx G

- 02 2 CONTACTS
- 03 3 CONTACTS
-
- 12 12 CONTACTS

- 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(RAL7004/P)
- 9 White(RAL1102)
- C Multiple colors

000 0 Standard @ Logo RoHS compliant
000 A Standard ANY Logo (lead<4%)
Any special item by customer request, please contact sales department. In copper Alloy

△ Dimension

DIM A	(N-1)×10.16+5.98
DIM B	(N-1)×10.16

△ N=Number of poles

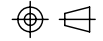
POLES	DIM B	DIM A
2p-4p	±0.15	±0.20
5p-7p	±0.20	±0.25
8p-10p	±0.25	±0.30
11p-12p	±0.30	±0.40



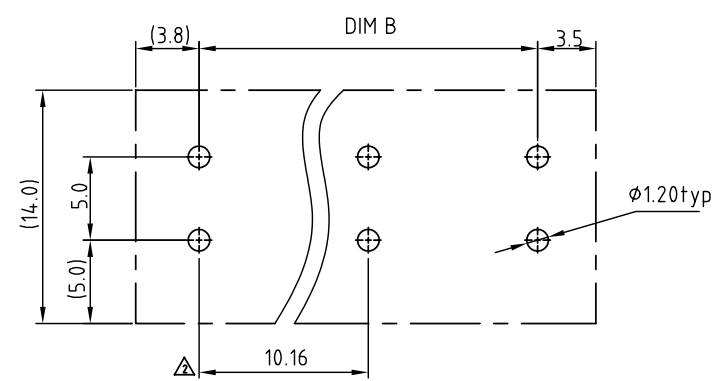
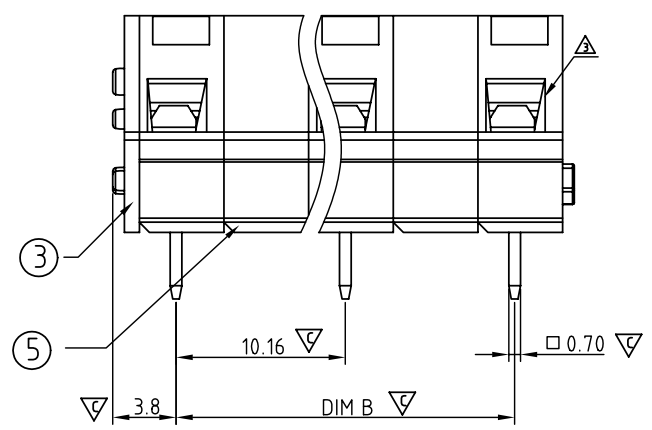
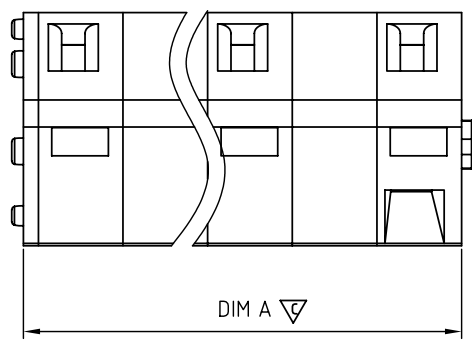
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TITLE		HG 10.16mm Series	
PART NO.	HGxx40x0xxxxG	DWG NO.	8HG0501
APPROVED	CHECKED	DESIGNED	DRAWN
		Jacky 2013.04.19	Jacky 2013.04.19
CUST NO.		Tolerance	
		X. ±0.50	
		X.X ±0.30	
		X.XX ±0.10	
		X° ±1°	



UNIT: mm
SCALE: NONE
SHEET: 01/01
REV.: F



PCB LAYOUT
△ Bottom view

