

REV	SIGN	DATE	DESCRIPTION	APPROVER
D	△	01/27'07	The soldering temperature from 245°to 250°	Aaron
E	△	10/09'12	Update the drawing	Da cheng
F	△	04/11'13	Update the drawing	Da cheng
G	△	03/28'17	Change the dimension from 3.8 to 3.5	Chen Bo

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

△ Material

- Item ① Terminal body (Contact pin): Brass, Bright Tin plated over Nickel 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: cULus
- △ ● 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

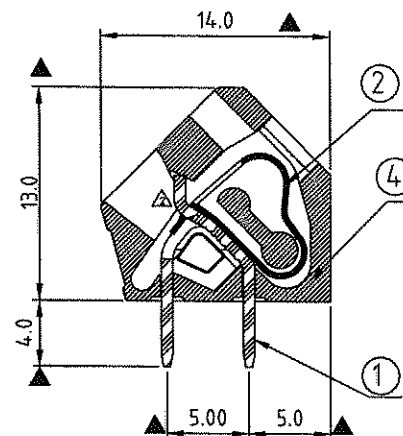
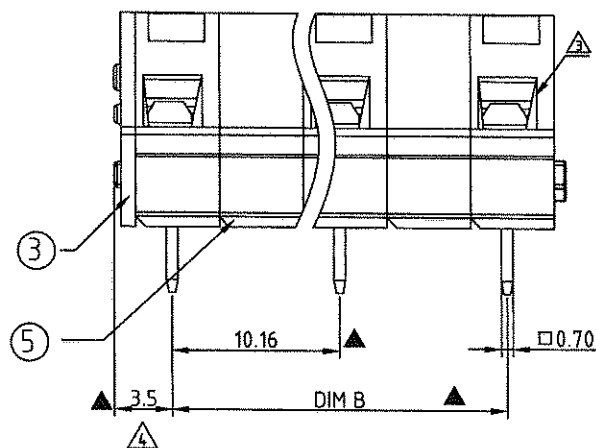
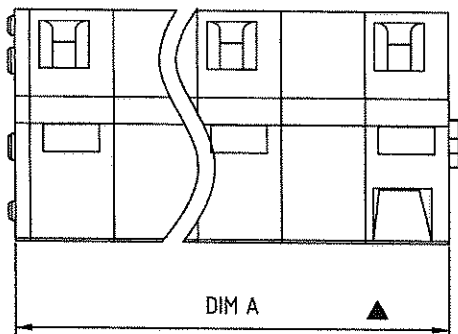


Amphenol
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TITLE		HG 10.16mm Series			
PART NO.	HGxx40x0xxxxG			DWG NO.	8HG0501
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	
31/3/17		Chen Bo	Airy min		
		03/28-17	2015.07.21		
SHEET: 01/01				UNIT: mm	Tolerance
				SCALE: NONE	X. ±0.50
				REV: G	X.X ±0.30
					X.XX ±0.10
					X° ±1°

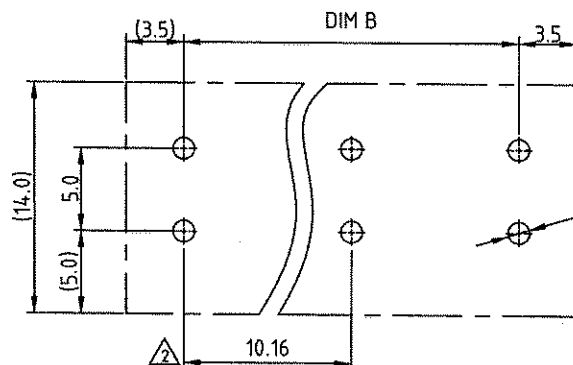


△ Dimension

DIM A	$(N-1) \times 10.16 + 5.98$
DIM B	$(N-1) \times 10.16$

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



△ PCB LAYOUT
 Bottom view