

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 from3.8 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: △

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

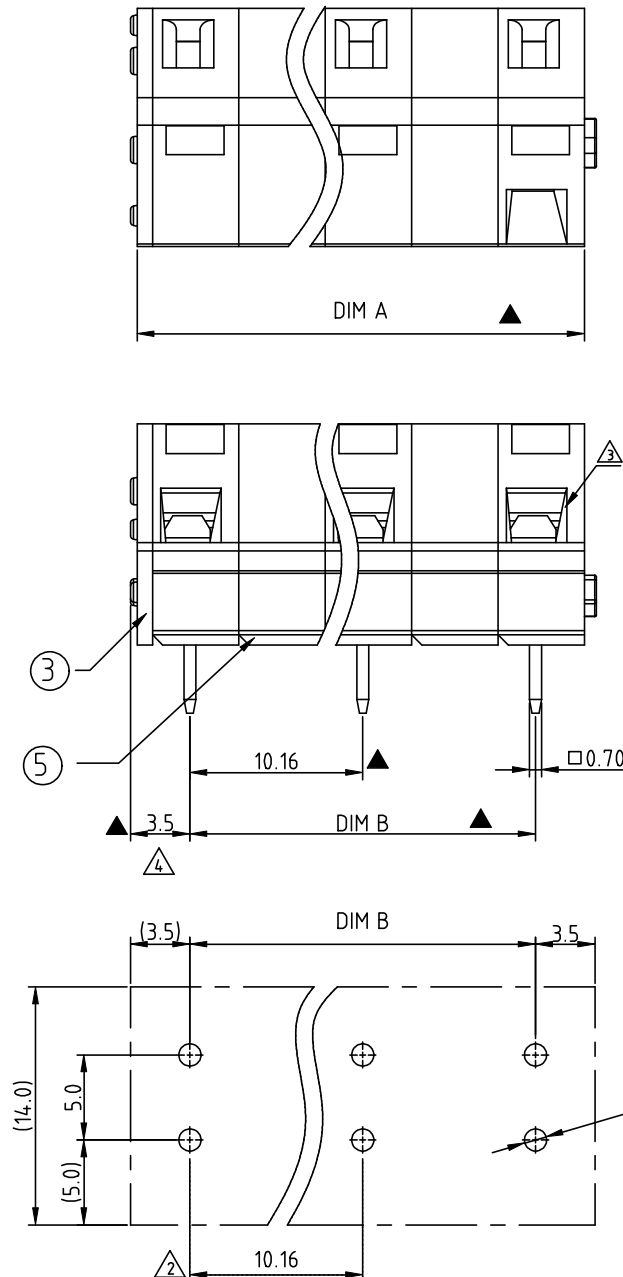
000 0 Standard @ Logo RoHS compliant
000 A Standard ANY Logo (lead<4%) △
Any special item by customer request, please contact sales department. In copper Alloy

△ 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



△ PCB LAYOUT
Bottom view

Amphenol
ANYTEK

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