

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	△	04/18'13	Update the drawing	Jacky
G	△	02/06'17	Add the TUV safety certification and electrical specifications	Johnson
	△	02/06'17	Change the dimension from 3.8 to 3.5	Johnson

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

△ Material

- Item ① 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)

△ Electrical

- Voltage rating: 300V
- Current rating: 15A
- Wire range: 0.2~4.0mm²
- 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, TUV
- Critical dimension: △

cULus TUV

300V 300V

15A 32A

0.2~4.0mm²

12-28

12-28

5-6mm

1.6KV 2.5KV

-40°C to +115°C

260°C±5°C/5 Sec

cULus

TUV



HG xx 30 x 0 xxxx G

Poles

01 1Contacts

02 2Contacts

24 24Contacts

△△△ 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

0000 Standard @ Logo
000A Standard ANY Logo
Any special item by
customer request,
please contact sales
department.

(lead<4%)
In copper Alloy

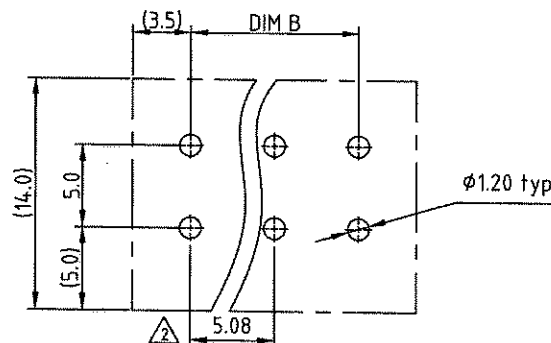
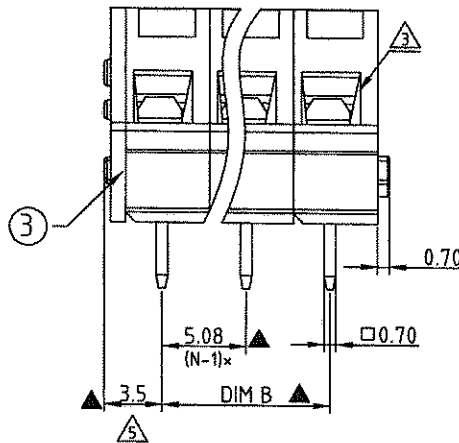
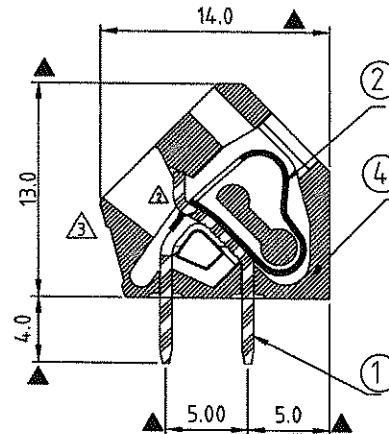
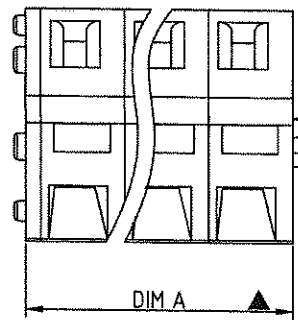
△ Dimension

DIM A	Nx5.08+0.9
DIM B	(N-1)x5.08

△ N=Number of poles

POLES	DIM B	DIM A
1P	±0.10	±0.10
2p-6p	±0.15	±0.20
7p-12p	±0.20	±0.25
13p-18p	±0.25	±0.30
19p-24p	±0.35	±0.40

△



△ P.C.B. LAYOUT
Bottom view

Amphenol
ANYTEK

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TITLE		HG 5.08mm Series						
PART NO.		HGxx30x0xxxxG			DWG NO.	8HG0101		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance			
3/13/17		Johnson	Johnson	SHEET: 01/01				
2017.02.06		2017.02.06	UNIT: mm		X. ±0.50			
			SCALE: NONE		X.X ±0.30			
			REV: G		X.XX ±0.10			
					X° ±1°			