

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	△	08/26'14	Update the drawing	Airy min
H	△	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: 300VAC
- Current rating: 15A
- Wire range:
- Solid wire(AWG): 12-28
- Stranded wire(AWG): 12-28
- Pull force:
- Screw:
- △ 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: 



HG xx 20 x 0 xxxx G

02 2 CONTACTS
03 3 CONTACTS
...
16 16 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
000 A Standard ANY Logo
Any special item by customer request, please contact sales department.

RoHS compliant (lead<4%) △
In copper Alloy

△ Dimension

DIM A	$(N-1) \times 7.5 + 5.9$
DIM B	$(N-1) \times 7.5$

△ N=Number of poles

POLES	DIM B	DIM A
2p-4p	±0.15	±0.20
5p-8p	±0.20	±0.25
9p-12p	±0.25	±0.30
13p-16p	±0.30	±0.40

PCB LAYOUT
△ Bottom view

Amphenol
ANYTEK

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TITLE	HG 7.5mm Series						
PART NO.	HGxx20x0xxxxG				DWG NO.	8HG0201	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.			Tolerance
31/3/17 Papant		Chen Bo 03/28-17	Airy min 2015.07.21		UNIT: mm	X.	±0.50
					SCALE: NONE	X.XX	±0.30
					REV: H	X.XX	±0.10
						X°	±1°