



P.C.B. LAYOUT
Top view

SIGN	DATE	DESCRIPTION	APPROVER
△	01/24'07	The Soldering temperature from 245° to 250°	Aaron
△	01/24'07	Add "VDE" stipulation	Aaron
△	01/02'13	change the electrical specification and the dimension from 3.6 to 3.3	Da cheng

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

△ Material

- Item ① Contact pin : Brass.Tin plated
- Item ② Wire guard: Stainless steel
- Item ③ Insulator body: Thermoplastic (UL94V-0)
- Item ④ Pad board: Thermoplastic (UL94V-0)
- Item ⑤ Insulating cover :Thermoplastic (UL94V-0)

△ Electrical

- Voltage rating: 300VAC 450VAC
- Current rating: 10A 6A
- Wire range: 0.5mm²
- Solid wire(AWG): 14-20
- Stranded wire(AWG): 14-20
- Wire strip length: 9-10mm
- Withstanding Voltage: 1.6KV 2.5KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 260°C±5°C/5 Sec
- Safety Approval:
- Critical dimension:

HB xx 21 x 1 xxxx G

Poles	Color	RoHs compliant (lead<4%) In copper Alloy
02 2 Poles	0 Black (RAL9005)	000 0 Standard @ Logo
03 3Poles	2 Red (RAL3001/D)	000 A Standard ANY Logo
	3 Orange(RAL2011/P)	Any special item by customer request, please contact sales department.
	4 Yellow(RAL1018/A)	
	5 Green(RAL6018/T)	
	6 Blue (RAL5015/A)	
	8 Grey(RAL7004/P)	
	9 White(RAL1102)	
16 16Poles	C Multiple colors	

△ N=NUMBER OF POLES

Dim L	(N-1)×7.5+6.0
Dim B	(N-1)×7.5

	Dim L	Dim B
2-4p	±0.2	±0.15
5-8p	±0.3	±0.25
9-12p	±0.4	±0.35
13-16p	±0.45	±0.4

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TITLE	HB - 7.5mm Series (Single wire w/o Lever)		
PART NO.	HBxx21x1xxxxG	DWG NO.	8HB0103
APPROVED	CHECKED	DESIGNED	DRAWN
		Da cheng 2013.01.02	Da cheng 2013.01.02
SHEET: 01/01		UNIT: mm	Tolerance
		SCALE: NONE	X. ±0.50
		REV.: F	X.X ±0.30
			X.XX ±0.10
			X° ±1°