



SIGN	DATE	DESCRIPTION	APPROVER
△	01/24/07	The Soldering temperature from 245° to 250°	Aaron
△	01/24/07	Add "VDE" stipulation	Aaron
△	05/19/09	wire strip length changed from 6-7mm to 9-10mm	Eris
△	05/19/09	Temperature changed from -30°C-105°C to -40°C-115°C	Eris
△	05/19/09	The tolerance of dimension is changed	Eris
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

Material

● Item 1	Insulating body	Thermoplastic (UL94V-0)
● Item 2	Insulating cover	Thermoplastic (UL94V-0)
● Item 3	Insulating lever	Thermoplastic (UL94V-0)
● Item 4	Contact pin	Brass, Tin plated
● Item 5	Spring clamp	Stainless steel

△ Electrical cULus/VDE

- Voltage rating: 300VAC/250VAC
- Current rating: 10A/9A
- Wire range: 0.5-0.75mm²
- Solid wire(AWG): 16-20
- Stranded wire(AWG): 16-20
- Pull force:
- Screw:
- △ ● Wire strip length: 9-10mm
- Withstanding Voltage: 1.6KV/2KV
- △ ● Operating temperature: -40°C to +115°C
- △ ● Soldering temperature: 250°C±10°C/5 Sec
- Safety Approval:  

PART NO.

HBxx31x0xxxxG

Poles

02 2Contacts
03 3Contacts
...
24 24Contacts

Color

0 Black
2 Red
5 Green(RAL6018/T)
8 Grey(RAL7004/P)


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

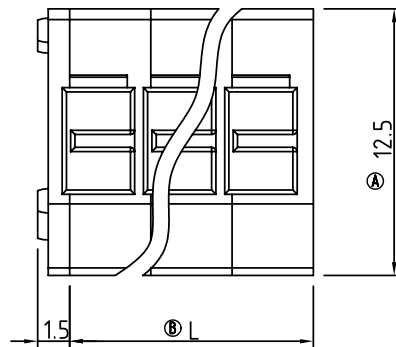
G: Pb<40,000ppm

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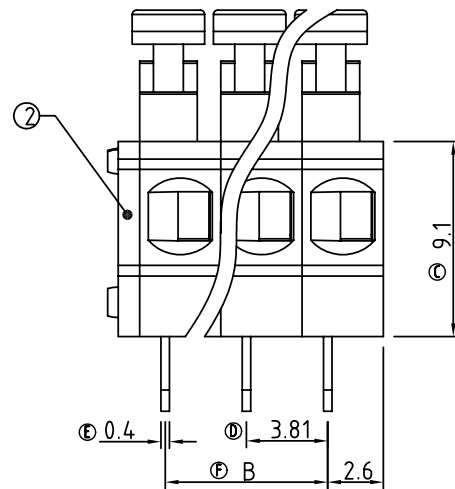
TITLE		HB-3.81mm series					
PART NO.		HBxx31x0xxxxG			DWG NO.	8HB0301	
APPROVED		CHECKED	DESIGNED	DRAWN	CUST NO.		
			Eris 2009.05.19	Eris 2009.05.19		UNIT: mm	X. ±0.50
					SHEET: 01/01	SCALE: NONE	X.X ±0.30
						REV: F	X.XX ±0.10
							X° ±1°



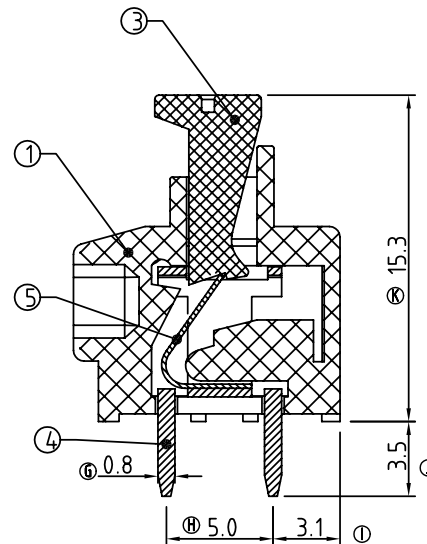
N = Number of poles

DimL=N×3.81
DimB=(N-1)×3.81

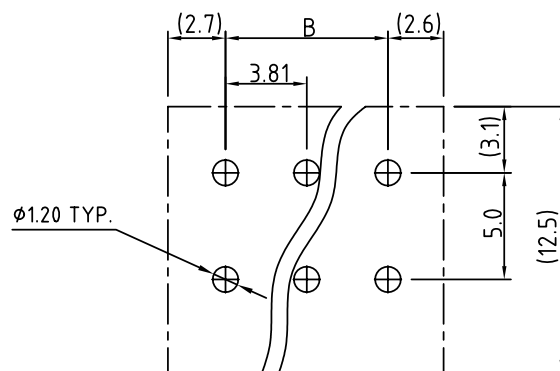
POLES	L	B
2p-6p	±0.2	±0.15
7p-12p	±0.3	±0.25
13p-18p	±0.4	±0.35
19p-24p	±0.45	±0.4



N=Number of contacts



P.C.B LAYOUT



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

<u>HB0231800000G</u>	<u>HB0331800000G</u>	<u>HB0431800000G</u>	<u>HB0531800000G</u>	<u>HB0631800000G</u>	<u>HB0731800000G</u>
<u>HB0831800000G</u>	<u>HB0931800000G</u>	<u>HB1031800000G</u>	<u>HB1131800000G</u>	<u>HB1231800000G</u>	<u>HB1331800000G</u>
<u>HB1431800000G</u>	<u>HB1531800000G</u>	<u>HB1631800000G</u>	<u>HB1731800000G</u>	<u>HB1831800000G</u>	<u>HB1931800000G</u>
<u>HB2031800000G</u>	<u>HB2131800000G</u>	<u>HB2231800000G</u>	<u>HB2331800000G</u>	<u>HB2431800000G</u>	