

N=Number of contacts
Dim L=NX3.81
Dim B=(N-1)X3.81

	Dim L	Dim B
2P-5p	±0.15	±0.15
6P-10p	±0.20	±0.20
11P-15p	±0.25	±0.25
16P-20p	±0.30	±0.30
21P-24p	±0.35	±0.35



SIGN	DATE	DESCRIPTION	APPROVER
△	6/03'09	Add the tolerance table	Jacke
△	6/03'09	The operating temperature is changed	Jacke
△	2014.06.10	update the drawing	Ji long

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

Material

- Item a Clamp: Brass (CuZn) Ni plated
- Item b Female contact :PhBz(CuSn) Tin plated
- Item c Terminal screw:Steel Zinc plating"-slot type
- Item d Terminal (housing):Thermoplastic (UL94V-0)
- Item e Terminal cover:Thermoplastic (UL94V-0)

Electrical cULus

- Voltage rating:300V
- Current rating:8A
- Wire range:
- Solid wire(AWG):16-28
- Stranded wire(AWG):16-28
- Torque(Lb-In):1.7
- Screw:M2
- Wire strip length:6-7mm
- Withstanding Voltage:1.6KV
- Operating temperature:-40°C to +115°C
- Safety Approval: cULus
- Critical dimension: △

VD xx 31 x 0 xxxx G

- △ Solid Block
02 2 POLES
03 3 POLES
...
24 24 POLES


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

- 0000 Standard @ Logo
000A Standard ANY Logo
0091 Standard ANY Logo
Any special item by
customer request,
please contact sales
department.
- 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(RAL 7035/D)
9 White(RAL1102)
C Green(RAL6018/U)

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TITLE		VD-3.81 SERIES						
PART NO.		VDxx31x0xxxxG			DWG NO.	8VD0001		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.			Tolerance	
			Ji long 2014.06.10		UNIT: mm	X.	±0.50	
					SCALE: NONE	X.X	±0.30	
SHEET: 01/01					REV.: E	X.XX	±0.10	
						X°	±1°	

Mouser Electronics

Authorized Distributor

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Amphenol:

<u>VD0231500000G</u>	<u>VD0331500000G</u>	<u>VD0431500000G</u>	<u>VD0531500000G</u>	<u>VD0631500000G</u>	<u>VD0731500000G</u>
<u>VD0831500000G</u>	<u>VD0931500000G</u>	<u>VD1031500000G</u>	<u>VD1131500000G</u>	<u>VD1231500000G</u>	<u>VD1331500000G</u>
<u>VD1431500000G</u>	<u>VD1531500000G</u>	<u>VD1631500000G</u>	<u>VD1731500000G</u>	<u>VD1831500000G</u>	<u>VD1931500000G</u>
<u>VD2031500000G</u>	<u>VD2131500000G</u>	<u>VD2231500000G</u>	<u>VD2331500000G</u>	<u>VD2431500000G</u>	