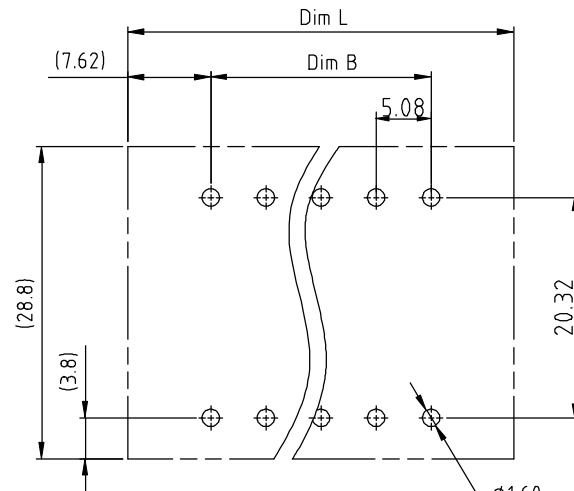
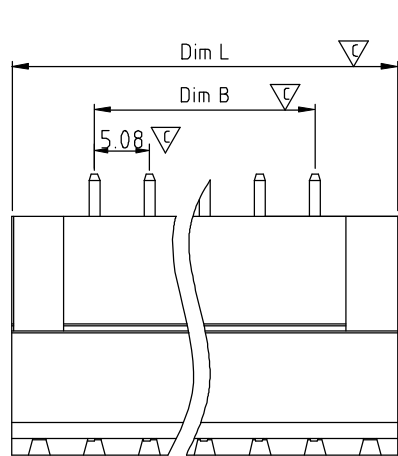
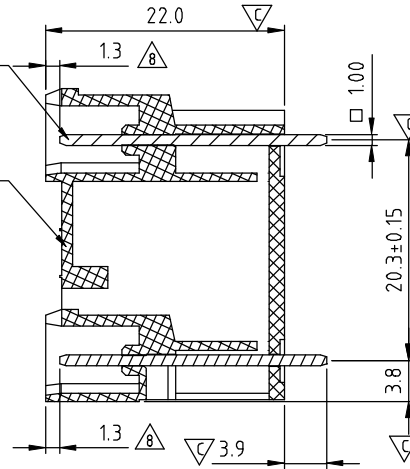
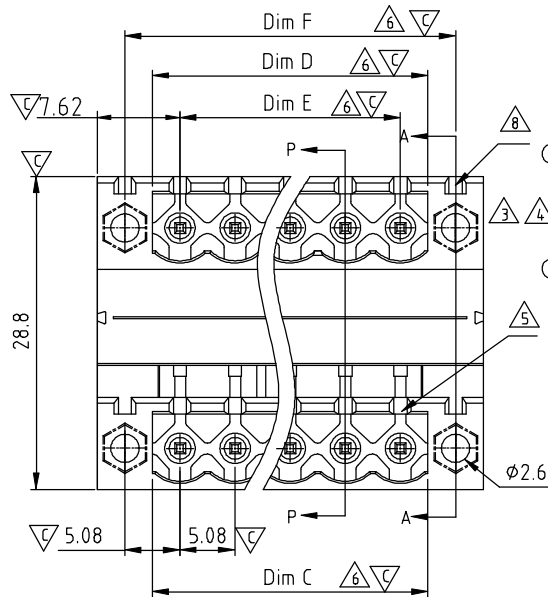


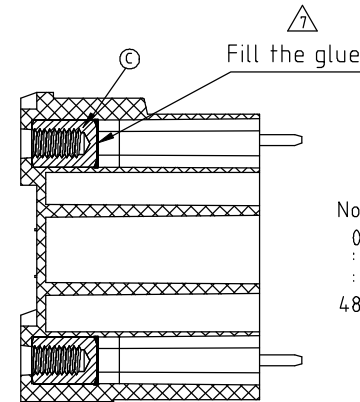
1 2 3 4 5 6 7



RECOMMENDED PCB LAYOUT



SECTION P-P



SECTION A-A

SIGN	DATE	DESCRIPTION	APPROVER
△	1/29'07	Soldering temperature changed from 245° to 250°	Tony
△	8/01'08	Operating temperature changed	Marvin
△	8/01'08	Body with flange is changed	Marvin
△	09/14`09	The design is changed from the round hole to hexagonal hole	Jacke
△	09/20`09	The design is changed	Chen Bo
△	04/21`12	The Dimension C & D & E & F are added	Chen Bo
△	04/21`12	Flange nut is changed	Chen Bo
△	11/19`13	Update the drawing	Chen Bo

Material:

- Item ④ Male contact pin: Copper Tin plated
- Item ⑤ Terminal (housing): Thermoplastic (UL94V-0)
- Item ③ With flange nut: Brass ,M2.5

Electrical: cULus

- Voltage rating 300V
- Current rating 20A
- Withstanding Voltage: 1.6 KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 260°C±5°C/5 Sec
- Safety Approval: cULus
- Critical dimension: ⑦

VL xx 5 2 x 0 xxxx G

No. OF POLES
04: 2x2 POLES
48: 2x24 POLES

G: RoHS compliant (lead<4%)
In copper Alloy
0000: "@" Logo
000A: "ANYTEK" Mark
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(RAL7035/D)
9 White(RAL1102)
C Green(RAL6018/U)

N = Number of poles
Dim L=(N+2)×5.08
Dim B=(N-1)×5.08
Dim C=N×5.08
Dim D=N×5.08
Dim E=(N-1)×5.08
Dim F=(N+1)×5.08

Poles	Dim L	Dim B	Dim C	Dim D	Dim E	Dim F
2×2-2×6p	±0.15	±0.15	+0.15 -0.00	+0.15 -0.00	±0.15	±0.15
2×7-2×12p	±0.25	±0.25	+0.25 -0.00	+0.25 -0.00	±0.25	±0.25
2×13-2×18p	±0.35	±0.35	+0.30 -0.00	+0.30 -0.00	±0.35	±0.35
2×19-2×24p	±0.40	±0.40	+0.40 -0.00	+0.40 -0.00	±0.40	±0.40

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TITLE		VL-5.08mm Series Vertical With Flange				
PART NO.	VLxx52x0xxxxG			DWG NO.	8VL0304	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance	
		Chen Bo 11/19`13	Chen Bo 11/19`13			X. ±0.50
						X.X ±0.30
						X.XX ±0.10
						X° ±1°
SHEET: 01/01		REV.: 1				

1 2 3 4 5 6 7

Mouser Electronics

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Amphenol:

<u>VL0452500000G</u>	<u>VL0652500000G</u>	<u>VL0852500000G</u>	<u>VL1052500000G</u>	<u>VL1252500000G</u>	<u>VL1452500000G</u>
<u>VL1652500000G</u>	<u>VL1852500000G</u>	<u>VL2052500000G</u>	<u>VL2252500000G</u>	<u>VL2452500000G</u>	<u>VL2652500000G</u>
<u>VL2852500000G</u>	<u>VL3052500000G</u>	<u>VL3252500000G</u>	<u>VL3452500000G</u>	<u>VL3652500000G</u>	<u>VL3852500000G</u>
<u>VL4052500000G</u>	<u>VL4252500000G</u>	<u>VL4452500000G</u>	<u>VL4652500000G</u>	<u>VL4852500000G</u>	