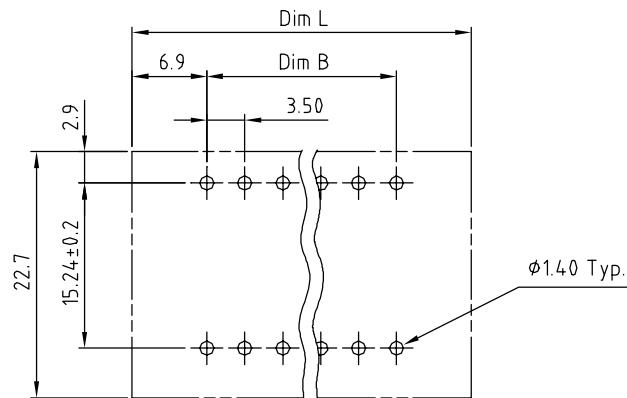
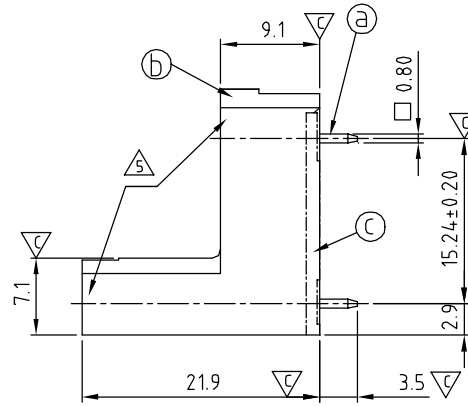
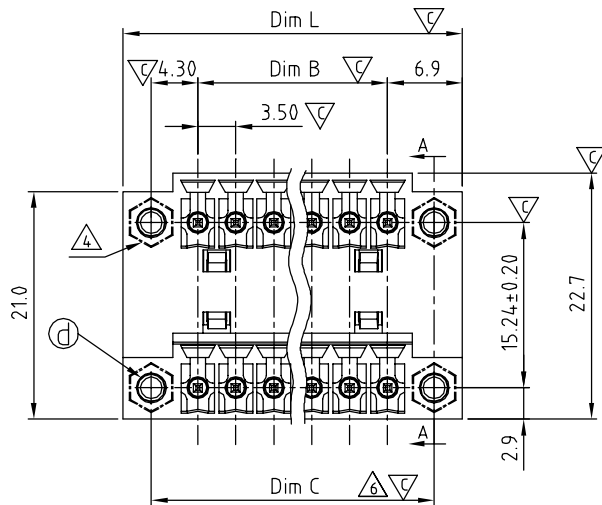
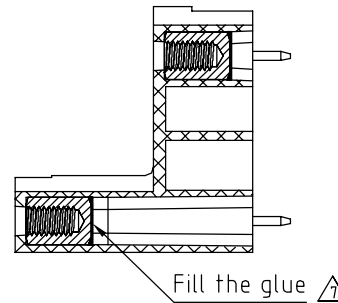




RECOMMENDED PCB LAYOUT



SECTION A-A

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

N = Number of poles
 Dim L=(N-1)×3.5+13.8
 Dim B=(N-1)×3.5
 Dim C=(N-1)×3.5+8.6

SIGN	DATE	DESCRIPTION	APPROVER
△	1/30'07	Soldering temperature changed from 245° to 250°	Tony
△	04/08'09	The current rating and operating temperature are changed	Jacke
△	04/08'09	Add UL standard	Jacke
△	2009.10.10	The design is changed from the round hole to hexagonal hole.	Jacke
△	07/05'11	Remove the "T" shape	Aaron
△	04/26'12	The Dimension Dim C is added	Chen Bo
△	04/26'12	Flange nut is changed	Chen Bo
△	04/26'12	Add the cutaway view	Chen Bo
△	04/26'12	The material is changed from Brass to Copper	Chen Bo

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

Material:

- Item ① Male Contact pin: Copper, Tin plated
- Item ② Terminal (housing): Thermoplastic (UL94V-0)
- Item ③ Terminal (cover): Thermoplastic (UL94V-0)
- Item ④ With flange nut: Brass M2.5

Electrical:

- Voltage rating: 300V
- Current rating: 10A
- Withstanding Voltage: 1.6 KV
- Operating temperature: -40°C to +115°C
- Soldering temperature: 250°C±10°C/5 Sec
- Safety Approval: cULus
- Critical dimension: ∇

VO xx 1 2 x 0 xxxx G

No. OF POLES
 04: 2×2 POLES
 06: 2×3 POLES
 :
 48: 2×24 POLES

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 (RAL7035/D)
- 9 White (RAL1102)
- C Green (RAL6018/U)

G: RoHS compliant (lead<4%)
 In copper Alloy
 0000: "@" Logo (Standard)
 000A: "ANYTEK" Mark
 Any special item by customer request, please contact sales department.

ANYTEK

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TITLE	VO-3.50 Series 2×2P-2×24P Vertical (With flange)						
PART NO.	VOxx12x0xxxxG			DWG NO.	8V00004		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance		
		Chen Bo 04/26'12	Chen Bo 04/26'12		X. ±0.50		
					X.X ±0.30		
					X.XX ±0.10		
					X° ±1°		
					SHEET: 01/01		
					REV.: H		

Mouser Electronics

Authorized Distributor

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Amphenol:

<u>VO0412500000G</u>	<u>VO0612500000G</u>	<u>VO0812500000G</u>	<u>VO1012500000G</u>	<u>VO1212500000G</u>	<u>VO1412500000G</u>
<u>VO1612500000G</u>	<u>VO1812500000G</u>	<u>VO2012500000G</u>	<u>VO2212500000G</u>	<u>VO2412500000G</u>	<u>VO2612500000G</u>
<u>VO2812500000G</u>	<u>VO3012500000G</u>	<u>VO3212500000G</u>	<u>VO3412500000G</u>	<u>VO3612500000G</u>	<u>VO3812500000G</u>
<u>VO4012500000G</u>	<u>VO4212500000G</u>	<u>VO4412500000G</u>	<u>VO4612500000G</u>	<u>VO4812500000G</u>	