



Poles	Dim L	Dim B	Dim C
2x2-2x5p	±0.15	±0.15	±0.15
2x6-2x10p	±0.20	±0.20	±0.20
2x11-2x15p	±0.25	±0.25	±0.25
2x16-2x20p	±0.30	±0.30	±0.30
2x21-2x24p	±0.35	±0.35	±0.35

N = Number of poles  
 Dim L = (N-1) x 3.81 + 14.2  
 Dim B = (N-1) x 3.81  
 Dim C = (N-1) x 3.81 + 9.0

REV	SIGN	DATE	DESCRIPTION	APPROVER
C	△	1/30/07	Soldering temperature changed from 245° to 250°	Tony
D	△	04/08/09	The current rating and operating temperature are changed	Jackie
E	△	04/08/09	Add UL standard	Jackie
F	△	2009.10.10	The design is changed from the round hole to hexagonal hole.	Jackie
G	△	07/05/11	Remove the "T" shape	Aaron
H	△	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
I	△	04/26/12	The material is changed from Brass to Copper	Chen Bo
J	△	11/20/12	update the drawing	Chen Bo
	△	11/20/12	PCB LAYOUT is changed	Chen Bo

THIS IS CAD DRAWING, DO NOT REVISE MANUAL VIII

Material:

- Item ① Male Contact pin: Copper, Tin plated
- Item ② Terminal (housing): Thermoplastic (UL 94V-0)
- Item ③ Terminal (cover): Thermoplastic (UL 94V-0)
- Item ④ With flange nut: Brass M2.5

Electrical:

- Voltage rating: 300V cULus
- Current rating: 10A
- 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: △

VO XX 3 2 X 0 XXXX G

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

Color

- |                       |                                       |
|-----------------------|---------------------------------------|
| 0 Black (RAL 9005)    | 000A: "ANYTEK" Mark                   |
| 2 Red (RAL 3001/D)    | Any special item by customer request. |
| 3 Orange (RAL 2011/P) | please contact sales department.      |
| 4 Yellow (RAL 1018/A) |                                       |
| 5 Green (RAL 6018/T)  |                                       |
| 6 Blue (RAL 5015/A)   |                                       |
| 8 Grey (RAL 7035/D)   |                                       |
| 9 White (RAL 1102)    |                                       |
| C Green (RAL 6018/U)  |                                       |

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

**Amphenol**  
**ANYTEK**

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TITLE		VO-381 Series 2x2P-2x24P Vertical (With Flange)	
PART NO.	VOxxx32x0xxxxG	DWG NO.	8V00104
APPROVED	CHECKED	DESIGNED	DRAWN
	Chen Bo 07/24-17	Chen Bo 06/28-17	
CUST NO.		UNIT: mm	
		SCALE: NONE	
SHEET: 01/01		REV: J	
		Tolerance	
		X: ±0.50	
		X X: ±0.30	
		X X X: ±0.10	
		X°: ±1°	