



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

Electrical: cULus

- 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:
- Critical dimension: ∇

VO xx 1 2 x 1 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.

RECOMMENDED PCB LAYOUT

Poles	Dim L	Dim B	Dim C	Dim D
2×2-2×5p	±0.15	±0.15	±0.15	±0.15
2×6-2×10p	±0.20	±0.20	±0.20	±0.20
2×11-2×15p	±0.25	±0.25	±0.25	±0.25
2×16-2×20p	±0.30	±0.30	±0.30	±0.30
2×21-2×24p	±0.35	±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  
Dim D=(N-1)×3.5

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TITLE		VO-3.50 Series 2×2P-2×24P Right angle (With flange)					
PART NO.		VOxx12x1xxxxG			DWG NO.		8V00003
APPROVED		CHECKED		DESIGNED		DRAWN	
		Chen Bo 04/26'12		Chen Bo 04/26'12			
				CUST NO.		Tolerance	
						UNIT: mm	
						SCALE: NONE	
						SHEET: 01/01	
						X. ±0.50	
						X.X ±0.30	
						X.XX ±0.10	
						X° ±1°	