



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

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

Material:

- Item ① Short male contact pin: Copper Tin plated
  - Item ② Long male contact pin: Copper Tin plated
  - Item ③ Terminal (housing): Thermoplastic (UL94V-0)
  - Item ④ 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:
  - Critical dimension:

**VL xx 5 2 x 1 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)

SECTION P-P

SECTION A-A

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-5.08 Series 90° With Flange	
PART NO.	VLxx52x1xxxxG	DWG NO.	8VL0303
APPROVED	CHECKED	DESIGNED	DRAWN
		Chen Bo 11/19'13	Chen Bo 11/19'13
SHEET: 01/01		Tolerance	
		UNIT: mm	X. ±0.50
		SCALE: NONE	X.X ±0.30
		REV.: I	X.XX ±0.10
			X° ±1°