



SIGN	DATE	DESCRIPTION	APPROVER
△	3/27'06	Dim changed form 2.6mm to 2.3mm	Marvin
△	3/27'06	Dim changed form (N-1)×3.81+5.0 to (N-1)×3.81+4.6	Marvin
△	1/29'07	Soldering temperature changed from 245° to 250°	Tony
△	2009.06.02	Dim changed form 2.3mm to 2.5mm	Jacke
△	2010.01.22	The demension is changed from 1.60mm to 1.10mm	Jacke
△	2010.01.22	The demension is changed from 0.40mm to 0.20 0.30mm	Jacke
△	2010.03.31	The material is changed from Brass to Copper	Jacke

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

Material:

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

VL xx 3 1 x 1 xxxx G

- No. OF POLES ———— G: Pb<40000ppm
- 04: 2×2 POLES ———— COLOR ———— 0000: “@” Logo (Standard)
- 48: 2×24 POLES ———— 000A: “ANYTEK” Mark
- 0 Black (RAL9005) Any special item by customer request.
- 2 Red (RAL3001/D) please contact sales department.
- 3 Orange(RAL2011/P)
- 4 Yellow(RAL1018/A)
- 5 Green(RAL6018/T)
- 6 Blue (RAL5015/A)
- 8 Grey(RAL7035/D)

Poles	02	03	04	05	06	07	08	09	10	11	12	13	
Dim L	8.81	12.62	16.43	20.24	24.05	27.86	31.67	35.48	39.29	43.10	46.91	50.72	
Dim B	3.81	7.62	11.43	15.24	19.05	22.86	26.67	30.48	34.29	38.10	41.91	45.72	
TOL	±0.15			±0.20				±0.25					
Poles	14	15	16	17	18	19	20	21	22	23	24		
Dim L	54.53	58.34	62.15	65.96	69.77	73.58	77.39	81.20	85.01	88.82	92.63		
Dim B	49.53	53.34	57.15	60.96	64.77	68.58	72.39	76.20	80.01	83.82	87.63		
TOL	±0.30				±0.35								

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TITLE		VL-3.81mm Right-angle Series					
PART NO.		VLxx31x1xxxxG			DWG NO.		8VL0102
APPROVED		CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance
			Jacke	Jacke			X. ±0.50
			2010.03.31	2010.01.22			X.X ±0.30
							X.XX ±0.10
					UNIT: mm		X° ±1°
					SCALE: NONE		
					SHEET: 01/01		
					REV.: F		