



SIGN	DATE	DESCRIPTION	APPROVER
△	2009.6.08	Add UL standard	Jacke
△	2009.6.08	The current rating and operating temperature are changed	Jacke
△	2009.6.08	Corrected dimension △ from 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
△	2010.04.01	The design is changed	Jacke

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

**Material**

- Item (a) Contact pin: Copper Tin plated
  - Item (b) Terminal (housing): Thermoplastic (UL94V-0)
  - Item (c) Terminal (cover): Thermoplastic (UL94V-0)
- Electrica cULus
- Voltage rating: 300VAC
  - △ ● Current rating: 8A
  - Wire range:
    - Solid wire(AWG):
    - Stranded wire(AWG):
    - Withstanding Voltage: 1.6KV
    - Operating temperature: -40°C to +115°C
  - △ ● Soldering temperature: 250°C±10°C/5 Sec
  - △ ● Safety Approval: us

**VL xx 1 3 x 0 xxxx G**

- G: Pb<40000ppm
- |                  |                     |  |
|------------------|---------------------|--|
| POLES            | COLOR               | 000 0 "@ " logo  |
| 04 2x2 CONTACTS  | 0 Black (RAL9005)   | 000 A "ANY" logo   |
| 06 2x3 CONTACTS  | 2 Red (RAL3001/D)   | Any special item by customer request, please contact sales department. |
| ...              | 3 Orange(RAL2011/P) |  |
| 48 2x24 CONTACTS | 4 Yellow(RAL1018/A) |  |
|                  | 5 Green(RAL6018/T)  |  |
|                  | 6 Blue (RAL5015/A)  |  |
|                  | 8 Grey(RAL7035/D)   |  |

Poles	04	06	08	10	12	14	16	18	20	22	24	26
Dim L	8.5	12.0	15.5	19.0	22.5	26.0	29.5	33.0	36.5	40.0	43.5	47.0
Dim B	3.50	7.00	10.5	14.0	17.5	21.0	24.5	28.0	31.5	35.0	38.5	42.0
TOL	±0.15						±0.20					
Poles	28	30	32	34	36	38	40	42	44	46	48	
Dim L	50.5	54.0	57.5	61.0	64.5	68.0	71.5	75.0	78.5	82.0	85.5	
Dim B	45.5	49.0	52.5	56.0	59.5	63.0	66.5	70.0	73.5	77.0	80.5	
TOL	±0.25						±0.30					

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TITLE		VL-3.5mm Vertical Series "B Type"			
PART NO.	VLxx13x0xxxxG	DWG NO.	8VL0401		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance
		Jacke 2010.03.31	Jacke 2010.01.22		X. ±0.50
					X.X ±0.30
					X.XX ±0.10
				SHEET: 01/01	X° ±1°

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