



| SIGN | DATE       | DESCRIPTION   | APPROVER |
|------|------------|---|----------|
| △    | 04/08'09   | The current rating and operating temperature are changed              | Jacke    |
| △    | 04/08'09   | Added cULus standard  | Jacke    |
| △    | 2010.01.30 | The material is changed from Brass to Copper                          | Jacke    |
| △    | 07/31'12   | Added TUV standard  | Chen Bo  |
| △    | 07/31'12   | The Dimension is added  | Chen Bo  |
| △    | 07/31'12   | The IEC spec is removed   | Chen Bo  |
| △    | 07/31'12   | Soldering temperature changed from 250°C±10°C/5Sec to 260°C± 5°C/5Sec | Chen Bo  |

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

- Material:
- Item ① Terminal(housing): Thermoplastic (UL94V-0)
  - Item ② Male contact pin: Copper Tin plated
  - Item ③ Flange Nut: Steel Zinc plating M3.0
- |   |                        |                  |      |
|---|------------------------|------------------|------|
| △ | Electrical             | cULus            | TUV  |
| ● | Voltage rating:        | 300V             | 800V |
| △ | Current rating:        | 32A              | 32A  |
| ● | Withstanding Voltage:  | 1.6KV            | 6KV  |
| ● | Operating temperature: | -40°C to +115°C  |      |
| △ | Soldering temperature: | 260°C± 5°C/5 Sec |      |
| △ | Safety Approval:       | cULus            | TUV  |
| ● | Critical dimension:    | ▽                |      |

**VC xx 0 1 x 0 xxxx G**

Solid Block  
02 2 POLES  
03 3 POLES  
... ..  
16 16 POLES

000 0 Standard @ Logo  
000 A Standard ANY Logo  
Any special item by customer request, please contact sales department.

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)

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

| DIM   |            | TOL   |        |         |
|-------|------------|-------|--------|---------|
|       |            | 2P-6P | 7P-12P | 13P-16P |
| Dim L | (N+2)×7.62 | ±0.15 | ±0.20  | ±0.30   |
| Dim B | (N-1)×7.62 | ±0.15 | ±0.20  | ±0.30   |
| Dim C | (N+1)×7.62 | ±0.15 | ±0.20  | ±0.30   |
| Dim D | (N+1)×7.62 | ±0.15 | ±0.20  | ±0.30   |

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|          |               |                                |                     |  |
|----------|---------------|--------------------------------|---------------------|--|
| TITLE    |               | VC-7.62 Flange with nut Series |                     |  |
| PART NO. | VCxx01x0xxxxG | DWG NO.                        | 8VC0003             |  |
| APPROVED | CHECKED       | DESIGNED                       | DRAWN               | CUST NO.   |
|          |               | Chen Bo<br>07/31'12            | Chen Bo<br>07/31'12 |  |
|          |               |                                |                     |  |
|          |               |                                |                     | UNIT: mm<br>SCALE: NONE<br>SHEET: 01/01<br>REV.: E         |
|          |               |                                |                     | Tolerance<br>X. ±0.50<br>X.X ±0.30<br>X.XX ±0.10<br>X° ±1° |

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