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| SIGN                                           | DATE       | DESCRIPTION                                                  | APPROVER |
|------------------------------------------------|------------|--------------------------------------------------------------|----------|
| △                                              | 2009.7.6   | The design is changed from the round hole to hexagonal hole. | Jacke    |
| △                                              | 2009.12.22 | Add UL standard                                              | Jacke    |
| △                                              | 04/28`12   | The dimension Dim C is added                                 | Chen Bo  |
| △                                              | 04/28`12   | Flange nut is changed                                        | Chen Bo  |
| △                                              | 04/28`12   | The Material is changed                                      | Chen Bo  |
| THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!! |            |                                                              |          |

Material:

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

Electrical:

- 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: 

VS xx 52x 1 xxxx G

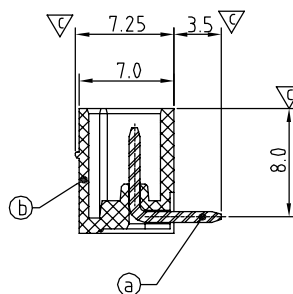
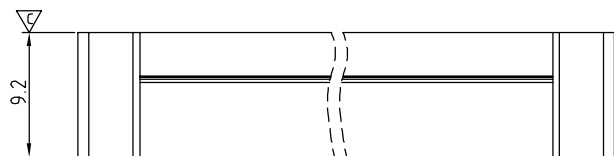
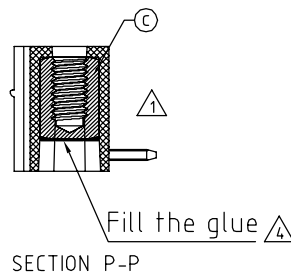
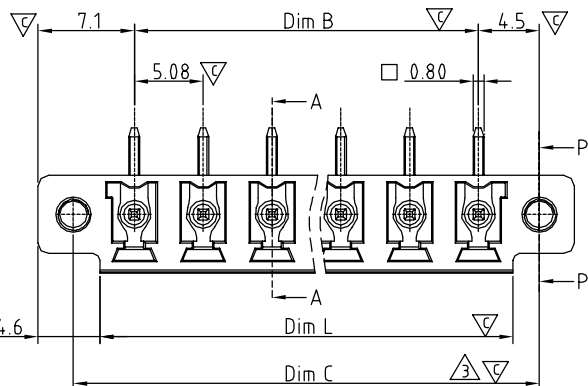
Solid Block  
02 2 CONTACTS  
03 3 CONTACTS  
... ..  
24 24 CONTACTS

COLOR

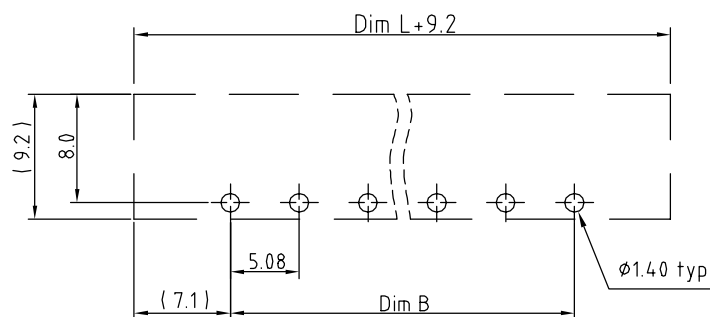
- 0 Black (RAL9005)
- 2 Red (RAL3001/D)
- 3 Orange(RAL2011/P)
- 4 Yellow(RAL1018/A)
- 5 Green(RAL6018/T)
- 6 Blue (RAL5015/A)
- 8 Grey(RAL7035/D)

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

0000 Standard @ Logo  
000A Standard ANY Logo  
Any special item by  
customer request,  
please contact sales  
department.



SECTION A-A



P.C.B Layout

N = Number of poles  
Dim L=Nx5.08  
Dim B=(N-1)x5.08  
Dim C=(N-1)x5.08+9.0

|        | Dim L | Dim B | Dim C |
|--------|-------|-------|-------|
| 2-5p   | ±0.15 | ±0.15 | ±0.15 |
| 6-10p  | ±0.25 | ±0.25 | ±0.25 |
| 11-15p | ±0.30 | ±0.30 | ±0.30 |
| 16-24p | ±0.40 | ±0.40 | ±0.40 |

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|          |                                          |                     |                     |          |              |  |  |
|----------|------------------------------------------|---------------------|---------------------|----------|--------------|--|--|
| TITLE    | VS 5.08 Series Right-angle (With flange) |                     |                     |          |              |  |  |
| PART NO. | VSxx52x1xxxxG                            |                     |                     | DWG NO.  | 8VS0004      |  |  |
| APPROVED | CHECKED                                  | DESIGNED            | DRAWN               | CUST NO. | Tolerance    |  |  |
|          |                                          | Chen Bo<br>04/28`12 | Chen Bo<br>04/28`12 |          | X. ±0.50     |  |  |
|          |                                          |                     |                     |          | X.X ±0.30    |  |  |
|          |                                          |                     |                     |          | X.XX ±0.10   |  |  |
|          |                                          |                     |                     |          | X° ±1°       |  |  |
|          |                                          |                     |                     |          | SHEET: 01/01 |  |  |
|          |                                          |                     |                     |          | REV.: E      |  |  |

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