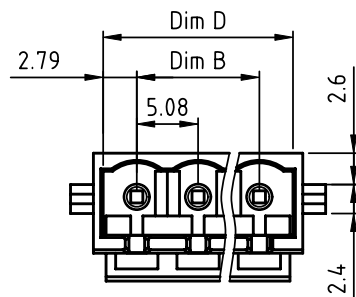


| PRODUCT NUMBER | PITCH   |
|----------------|---------|
| KVxx50x300J0G  | 5.08 mm |

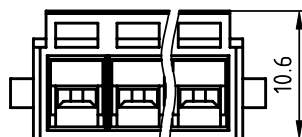
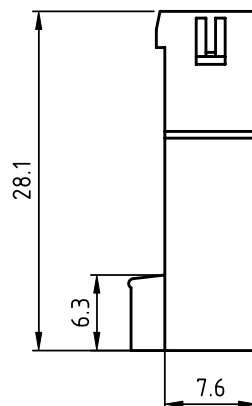
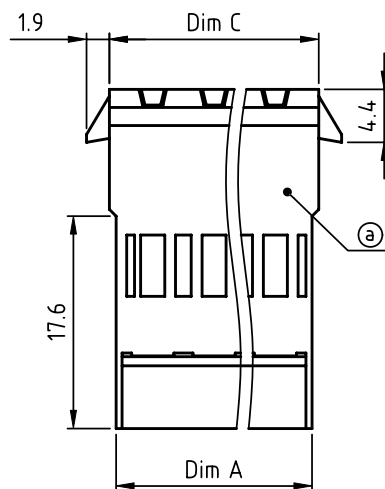


N = Number of poles  
 Dim A =  $N \times 5.08 + 1.0$   
 Dim B =  $(N - 1) \times 5.08$   
 Dim C =  $N \times 5.08 + 2.1$   
 Dim D =  $(N - 1) \times 5.08 + 5.58$

| Poles  | Dim A | Dim B | Dim C | Dim D |
|--------|-------|-------|-------|-------|
| 2-6p   | ±0.10 | ±0.15 | ±0.15 | ±0.15 |
| 7-12p  | ±0.20 | ±0.20 | ±0.20 | ±0.20 |
| 13-16p | ±0.30 | ±0.25 | ±0.25 | ±0.25 |
| 17-24p | ±0.40 | ±0.35 | ±0.35 | ±0.35 |

PART NO.: KV xx 50 x 3 00J0 G

| Solid block | No. of poles | Color             | RoHS compliant  |
|-------------|--------------|-------------------|-----------------|
| 0           | 2            | Black (RAL9005)   | (lead<4%)       |
| 2           | 3            | Red (RAL3001/D)   | In copper Alloy |
| 02          | 3            | Orange(RAL2011/P) |                 |
| 03          | 4            | Yellow(RAL1018/A) |                 |
| ...         | 5            | Green(RAL6018/T)  |                 |
| 24          | 6            | Blue (RAL5015/A)  |                 |
|             | 8            | Grey(RAL7035/D)   |                 |
|             | 9            | White(RAL1102)    |                 |
| C           |              | Green(RAL6018/U)  |                 |



#### Material:

- Item@ Terminal housing: Thermoplastic (UL94 V-0)

#### Electrical

- Voltage rating: 300V
- Current rating: 10A
- Wire range: 1.5-2.5mm<sup>2</sup>
- Withstanding Voltage: 1.6KV
- Corresponding female crimp contacts: AR 5.08 series

|             |  |          |  |    |                         |      |                         |                                       |                                                                                                     |                                                                                       |                                                           |       |                                                                                       |  |                   |                  |        |  |  |  |  |  |  |  |  |
|-------------|--|----------|--|----|-------------------------|------|-------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|-------|---------------------------------------------------------------------------------------|--|-------------------|------------------|--------|--|--|--|--|--|--|--|--|
| mat'l. code |  |          |  |    | surface<br>ASME Y14.5 ✓ |      | tolerance<br>ASME Y14.5 |                                       | projection<br> |                                                                                       | product family<br>TERMINAL BLOCK                          |       |                                                                                       |  |                   |                  |        |  |  |  |  |  |  |  |  |
| ltr         |  | ecn      |  | no | dr                      | date |                         | tolerances unless otherwise specified |                                                                                                     |                                                                                       |                                                           | title |                                                                                       |  |                   |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | angles                                |                                                                                                     |  | X.±0.5                                                    |       |  |  | TERMINAL BLOCK    |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | X.X±0.3                               |                                                                                                     |                                                                                       | PLUGGABLE PLUG, WITH HOOK, CRIMP CONNECTION, HIGH PROFILE |       |                                                                                       |  |                   |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | X°±1°                                 |                                                                                                     |                                                                                       | X.XX±0.1                                                  |       |                                                                                       |  | scale             |                  | dwg no |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | dr                                    | EVIN ZHONG                                                                                          |                                                                                       | 050414                                                    |       |  |  | sheet 1 of 1 size |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | engr                                  | EVIN ZHONG                                                                                          |                                                                                       | 050414                                                    |       |                                                                                       |  | KVxx50x300J0G     |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | chr                                   | HANKE FENG                                                                                          |                                                                                       | 050414                                                    |       |                                                                                       |  | A                 |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         | appd                                  | SHI JUN                                                                                             |                                                                                       | 050414                                                    |       |                                                                                       |  | type              |                  |        |  |  |  |  |  |  |  |  |
|             |  |          |  |    |                         |      |                         |                                       |                                                                                                     |                                                                                       |                                                           |       |                                                                                       |  |                   | CUSTOMER Drawing |        |  |  |  |  |  |  |  |  |
| sheet index |  | revision |  | A  |                         | 1    |                         |                                       |                                                                                                     |                                                                                       |                                                           |       |                                                                                       |  |                   |                  |        |  |  |  |  |  |  |  |  |