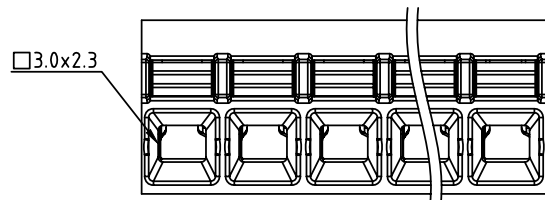


| PRODUCT NUMBER | PITCH   |
|----------------|---------|
| KDxx50x000J0G  | 5.08 mm |



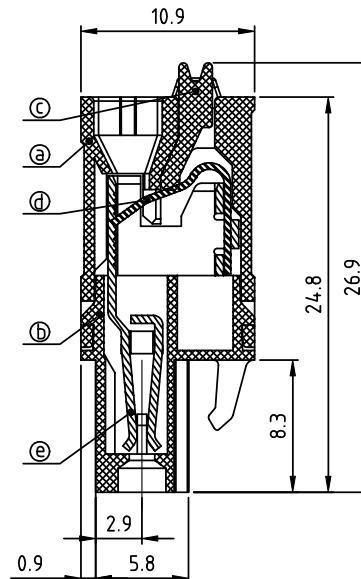
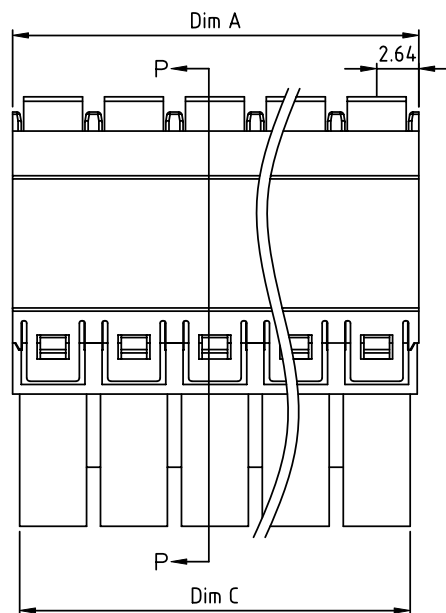
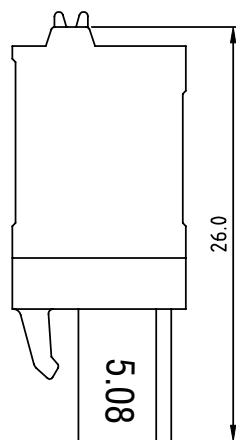
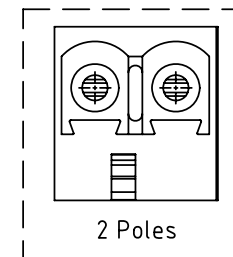
|                      |
|----------------------|
| Dim A=N×5.08+0.1     |
| Dim B=(N-1)×5.08     |
| Dim C=(N-1)×5.08+4.2 |

N=Number of poles

| POLES   | Tolerance |
|---------|-----------|
| 2p-6p   | ±0.15     |
| 7p-12p  | ±0.25     |
| 13p-18p | ±0.35     |
| 19p-24p | ±0.40     |

PART NO.: KD xx 5 0 x 0 00J0 G

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



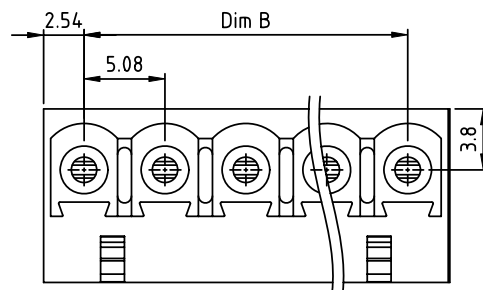
SECTION P-P

## Material:

- Item@Top body: Thermoplastic (UL94V-0)
- Item@Bottom body: Thermoplastic (UL94V-0)
- Item@Terminal Lever: Thermoplastic (UL94V-0) Orange (RAL2001/P)
- Item@Spring clamp: Stainless steel
- Item@Female contact: PhBz Tin Plated

## Electrical:

- Voltage rating: 300 V
- Current rating: 12 A
- Wire range:
- Solid wire(AWG): 14-24
- Stranded wire(AWG): 14-24
- Wire strip length: 11-12 mm
- Withstanding Voltage: 1.6 KV
- Operating temperature: -40°C to +115°C
- Safety Approval: 



|                    |  |                |  |                                       |  |                         |  |                                                                                                     |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
|--------------------|--|----------------|--|---------------------------------------|--|-------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------|--|------|--|--|--|--|--|
| 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<br>TERMINAL BLOCK<br>SPRING CLAMP, PLUGGABLE PLUG |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
|                    |  |                |  | angles                                |  | X.±0.5                  |  |                                                                                                     |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
|                    |  |                |  | X.X±0.3                               |  |                         |  |                                                                                                     |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
|                    |  |                |  | X'±1°                                 |  | X.XX±0.1                |  | scale                                                                                               |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
|                    |  |                |  | dr                                    |  | EVIN ZHONG              |  | 052014                                                                                              |  |  |  | dwg no                                                  |  |  |  |  |  |  |  |  |  | sheet 1 of 1 |  | size |  |  |  |  |  |
|                    |  |                |  | engr                                  |  | EVIN ZHONG              |  | 052014                                                                                              |  |                                                                                       |  | KDxx50x000J0G                                           |  |  |  |  |  |  |  |  |  |              |  | A    |  |  |  |  |  |
|                    |  |                |  | chr                                   |  | HANKE FENG              |  | 052014                                                                                              |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
|                    |  |                |  | appd                                  |  | SHI JUN                 |  | 052014                                                                                              |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |
| sheet index        |  | revision sheet |  | A 1                                   |  |                         |  |                                                                                                     |  |                                                                                       |  |                                                         |  |  |  |  |  |  |  |  |  |              |  |      |  |  |  |  |  |