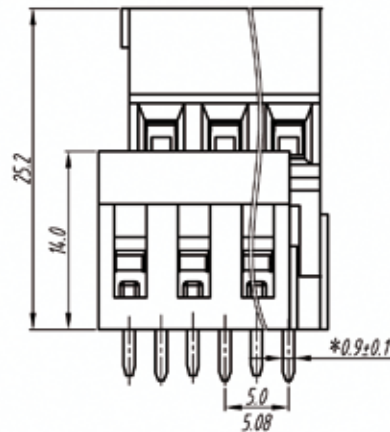
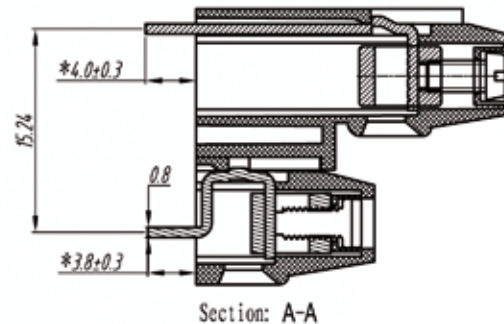
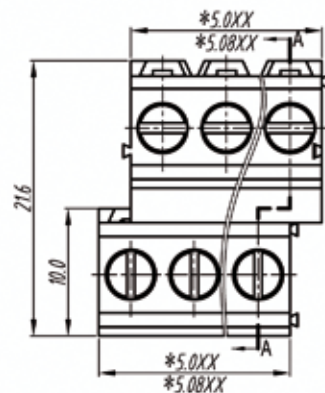
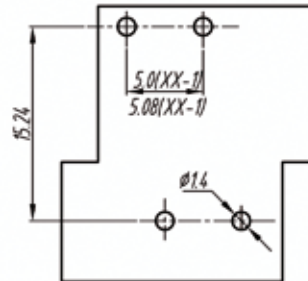


# euro-block

product specification



P.C.B.LAYOUT



Section: A-A

## Electrical

Standard: UL-IEC

Rated voltage: 300V-250V

Rated current: 10A-18A

Wire range: 24-12AWG-2.5mm<sup>2</sup>

Withstanding voltage: AC2000V/1Min

## Mechanical

Torque: 0.4Nm (3.6Lb'in)

Temp.Range: -40°C~+105°C

Strip length: 6-7mm

## Dimensions

Pitch: 5.00mm (0.197"), 5.08mm (0.200")

Poles: 2p-xxp

## Material

Housing: PA66, UL94V-0

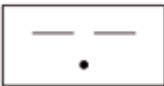
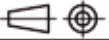
Screws: M2.5, steel, Zinc plated

Pin header: Brass, Tin plated

Wire guard: Brass, Ni plated

TOLERANCES EXCEPT AS NOTED

|                | linear dimension |              |                |                 |             | fillet | chamfer |       |  short angle sid |  |  |  |  |  |                |             |     |
|----------------|------------------|--------------|----------------|-----------------|-------------|--------|---------|-------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------|-------------|-----|
| variable range | to 6             | over 6 to 30 | over 30 to 120 | over 120 to 480 | over 480 to | all    | to 6    | to 10 | over 10 to 50                                                                                       | over 50 to 120                                                                      | over 120 to                                                                         | all                                                                                 | to 5                                                                                | over 5 to 30                                                                         | over 30 to 120 | over 120 to |     |
| tolerance      | ±0.1             | ±0.2         | ±0.3           | ±0.5            | ±0.9        | ±0.2   | ±0.5    | ±1    | 1°                                                                                                  | 30'                                                                                 | 20'                                                                                 | 10'                                                                                 | 0.5                                                                                 | 0.025                                                                                | 0.06           | 0.12        | 0.4 |

| UNITS                                                                                                   | mm | SIZE | A4 | SCALE | FIRST ANGLE PROJECTION                                                                |         |
|---------------------------------------------------------------------------------------------------------|----|------|----|-------|---------------------------------------------------------------------------------------|---------|
|  <b>euro-block</b> |    |      |    |       |  |         |
|                                                                                                         |    |      |    |       | NAME                                                                                  | MRD52-R |