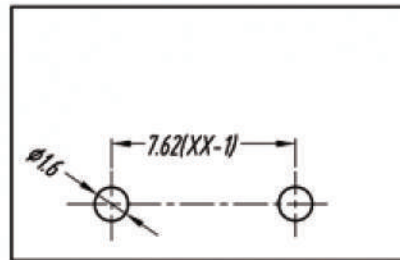


P. C. B. LAYOUT



### Electrical

Standard: UL-IEC  
 Rated voltage: 300V-450V  
 Rated current: 25A-20A  
 Wire range: 24-12AWG-2.5mm<sup>2</sup>  
 Withstanding voltage: AC2000V/1Min

### Mechanical

Torque: 0.5Nm (4.5Lb'in)  
 Temp. Range: -40°C~+105°C  
 Strip length: 6-7mm

### Dimensions

Pitch: 7.62mm (0.300")  
 Poles: 2p-xxp

### Material

Housing: PA66, UL94V-0  
 Screws: M3, steel, Zinc plated  
 Pin header: Brass, Tin plated  
 Wire guard: Brass, Ni plated

TOLERANCES EXCEPT AS NOTED

| variable range | linear dimension |              |                |                 |             | fillet | chamfer | short angle sid |               |                | ≡   | -   | □   | //    | ⊥    |             |     |
|----------------|------------------|--------------|----------------|-----------------|-------------|--------|---------|-----------------|---------------|----------------|-----|-----|-----|-------|------|-------------|-----|
|                | to 6             | over 6 to 30 | over 30 to 120 | over 120 to 480 | over 480 to | all    | to 6    | over 6 to 10    | over 10 to 50 | over 50 to 120 |     |     |     |       |      | over 120 to | all |
| 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 |              |
|       |    |      |    |       |  |                        |              |
|       |    |      |    |       |  | NAME                   | MRA52-7.62-H |