

# DIN41612 MALE RIGHT ANGLE LARGE CURRENT SHORT PLASTIC

3513 SERIES - 5.08MM PITCH



## Specifications

- Current rating: 5.6 Amps
- Contact resistance: 20 mohms initial
- Insulation resistance: 100000 Mohms min / 500 VDC
- Dielectric Withstanding: 1000 VAC/minute
- Operation temperature: -55°C to +125°C
- Contact material: Brass
- Contact plating: Au Or Sn Over Ni
- Insulator material: Polyester (UL94V-0)
- Standard: PBT
- Max. processing Temp: 180°C for 30-60 seconds  
200°C for 10 seconds

## Ordering Information

**3513DR3 - 48 A M X**

1                      2                      3                      4

### 1. Connector Series

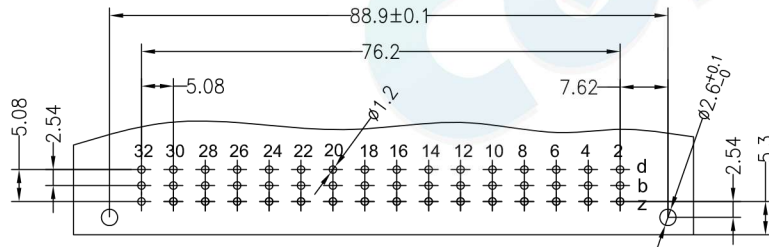
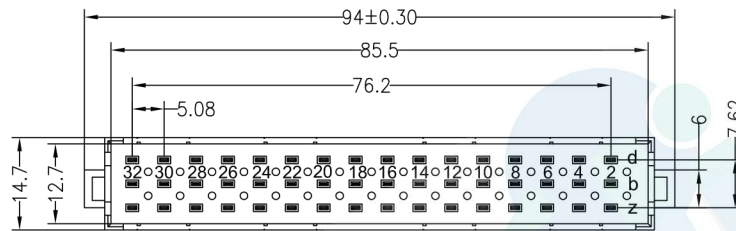
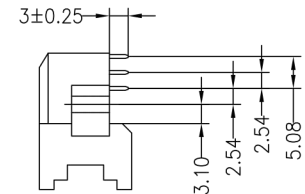
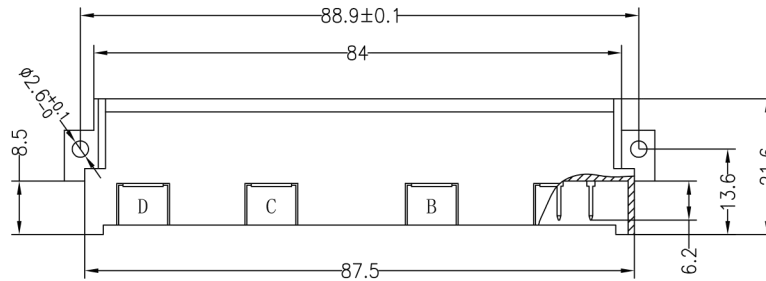
### 2. Number of pins

### 3. Contact type

- M= Male


### 4. Contact Plating

- A= Gold Flash
- B= Gold Flash/Tin
- C= 3U" Gold/Tin
- D= 5U" Gold/Tin
- E= 10U" Gold/Tin
- F= 15U" Gold/Tin
- G=30U" Gold/Tin
- H= Tin



PCB LAYOUT(RECOMMENDED)

(TOP VIEW TOL. :±0.05)

|     |      |                          |        |           |       |         |     |          |       |     |   |  |
|-----|------|--------------------------|--------|-----------|-------|---------|-----|----------|-------|-----|---|--|
|     |      |                          |        | OPERATION |       | DRAW    | BEN | 12.04.18 | SCALE | FIT | <br>votre partenaire en électronique<br>PART NO. 3513DR3-48AMX 01<br>TITLE: DIN 41612 of 5.08mm pitch large current 90° Male 348 |  |
|     |      |                          |        | X.X       | ±0.30 |         |     |          | UNIT  | mm  |   |  |
|     |      |                          |        | X.XX      | ±0.20 | CHECK   |     | SIZE     | A4    |     |   |  |
|     |      |                          |        | X.XXX     | ±0.10 | APPROVE |     | SHEET    | 1/1   |     |   |  |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | Angle     | ±3°   |         |     | PROJ.    | ◆     |     |   |  |
|     |      |                          |        | DIM       | TOL   |         |     |          |       |     |   |  |