

# EDCON-COMPONENTS



## Technical Discription

### Electrical

Current Rating: 1,5A  
 Voltage Rating: 125VAC  
 Insulation Resistance: 1000M  $\Omega$  min.  
 Contact Resistance: 30M  $\Omega$  max.  
 Withstanding Voltage: AC1000V RMS 50/60Hz 1min.

### Mechanical

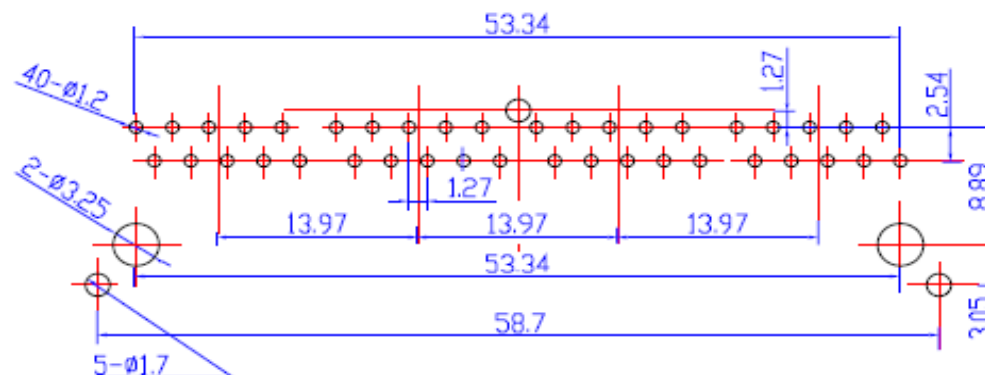
Insertion Force: 2,2Kg.F.max.  
 Retention Strength: 7,7Kg.F min.beetween jack a. plug  
 Durability: 600 mating cycles min.

### Material

Housing: ABS RESIN (UL94V-0)  
 PBT(UL94V-0 PA66(UÖ94V-0)  
 PA46(UL94V-0)  
 Diameter 0,45mm Phosphor  
 Bronze Gold Plating over Nickel  
 Contact wire: 0,35mm thickness phosphor  
 bronze alloy selective Gold plating  
 over nickel  
 Shield 0,20~0,25mm thickness brass with  
 tin plated  
 Contact Plating Gold Flash, 3 $\mu$  / 6 $\mu$  / 15 $\mu$  / 30 $\mu$  50 $\mu$   
 inch

Working Temperatur . -40°C ~ +70°C

## PCB Layout



### PCB Modular Jack with 3 Shield Pin + Feder

Part No.: **T91A24019-**

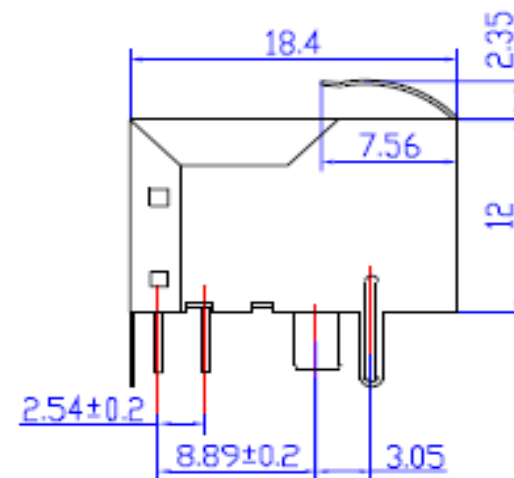
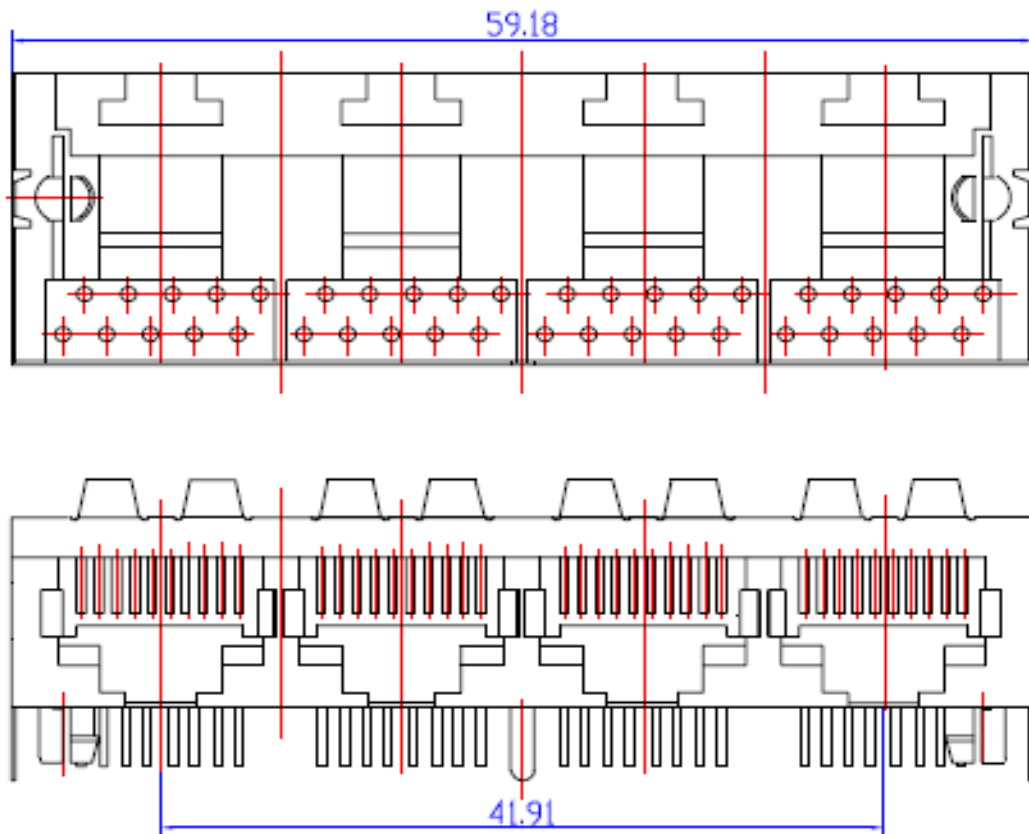
Customer:

|       |       |      |      |        |      |           |           |      |            |
|-------|-------|------|------|--------|------|-----------|-----------|------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE | 01.03.2014 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. |      | 1 from 4   |

[www.edcon-components.com](http://www.edcon-components.com)

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# EDCON-COMPONENTS



**PCB Modular Jack with 3  
Shield Pin + Feder**

Part No.: **T91A24019-**

Customer:

|       |       |      |      |        |      |           |           |          |            |
|-------|-------|------|------|--------|------|-----------|-----------|----------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE     | 01.03.2014 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. | 2 from 3 |            |

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**EDCON-COMPONENTS**



**Ordering Informations**

| Serie             | No. Of. Positions | No. Of Contact | Contact Plating | Special function | ROHS     | Packing   |  |  |  |  |
|-------------------|-------------------|----------------|-----------------|------------------|----------|-----------|--|--|--|--|
| <b>T91A24019-</b> | <b>10</b>         | <b>10</b>      | <b>GF</b>       | <b>N</b>         | <b>R</b> | <b>TY</b> |  |  |  |  |

|                   |                               |                            |                               |                            |                         |
|-------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|-------------------------|
| <b>10=</b> 10Pos. | <b>10=</b> 10 Pos. connecting | <b>GF=</b> Gold Flash      | <b>N=</b> No special function | <b>R=</b> ROHS conform     | <b>TY=</b> Tray Packing |
|                   |                               | <b>GA=</b> 3µGold Plating  |                               | <b>N=</b> NON ROHS conform | <b>BU=</b> Bulk-Ware    |
|                   |                               | <b>GB=</b> 6µGold Plating  |                               |                            |                         |
|                   |                               | <b>GC=</b> 15µGold Plating |                               |                            |                         |
|                   |                               | <b>GD=</b> 30µGold Plating |                               |                            |                         |
|                   |                               | <b>GE=</b> 50µGold Plating |                               |                            |                         |

|   |
|---|
| <b>PCB Modular Jack with 3 Shield Pin + Feder</b> |
| Part No.: <b>T91A24019-</b>                       |
| Customer:   |

|       |       |      |      |        |      |           |           |      |            |
|-------|-------|------|------|--------|------|-----------|-----------|------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE | 01.03.2014 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. |      | 3 from 4   |

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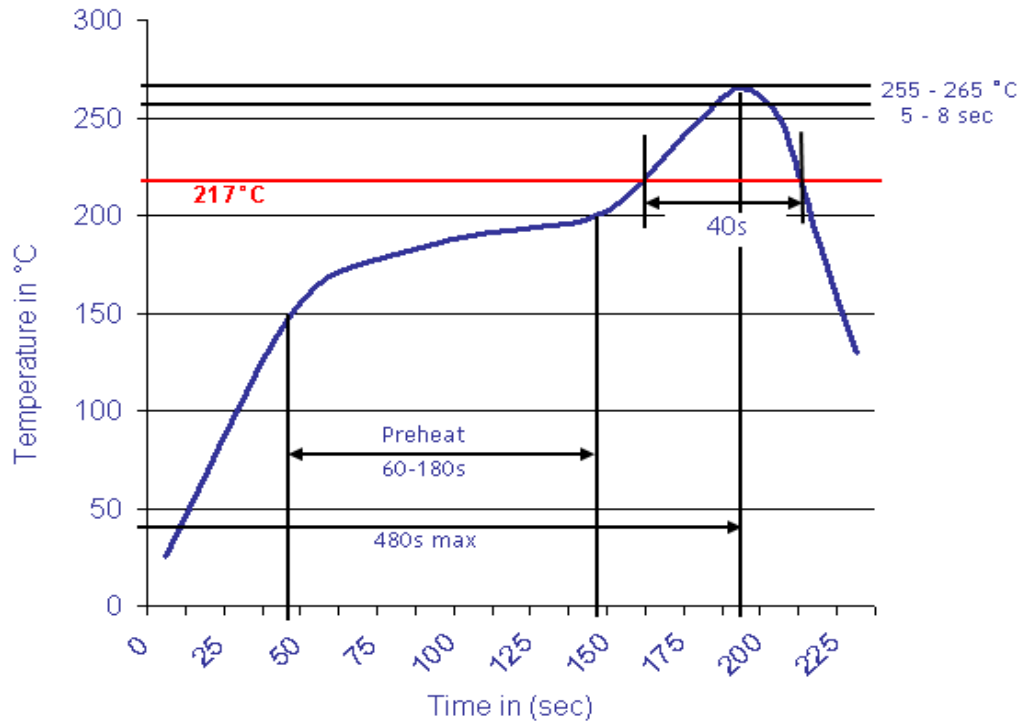




**Soldering Profile Curve**

**Lead Free Soldering Curve**

**Classification Reflow Profile (JEDEC J-STD-020C)**



**PCB Modular Jack with 3  
Shield Pin + Feder**

Part No.: **T91A24019-**

|       |       |      |      |        |      |           |           |          |            |
|-------|-------|------|------|--------|------|-----------|-----------|----------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE     | 01.03.2014 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. | 4 from 4 | Customer:  |