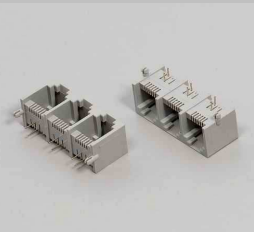


# EDCON-COMPONENTS



## Technical Discription

### Electrical

Current Rating: 1,5A  
 Voltage Rating: 125VAC  
 Insulation Resistance: 500M  $\Omega$  min.  
 Contact Resistance: 30M  $\Omega$  max.  
 Withstanding Voltage: AC1000V RMS 50/60Hz 1min.

### Mechanical

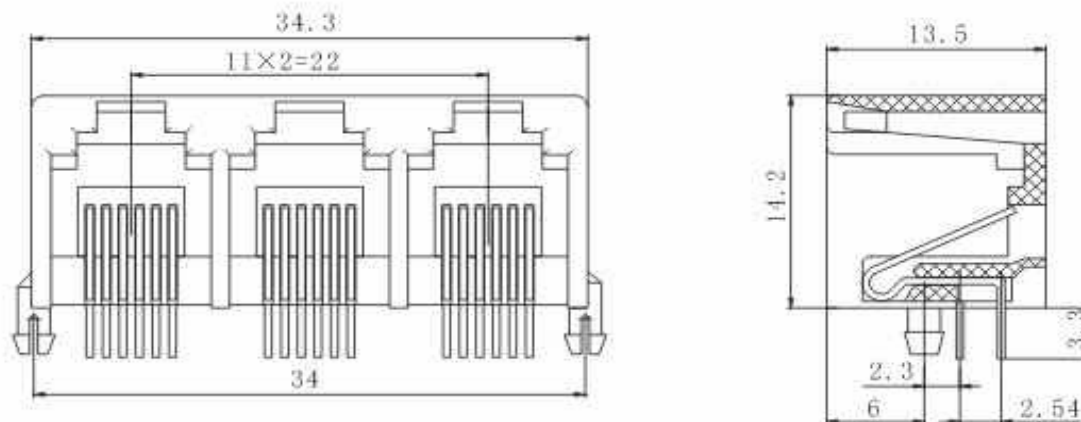
Insertion Force: 2,2Kg.F.max.  
 Retention Strength: 7,7Kg.F min.beetween jack a. plug  
 Durability: 600 mating cycles min.

### Material

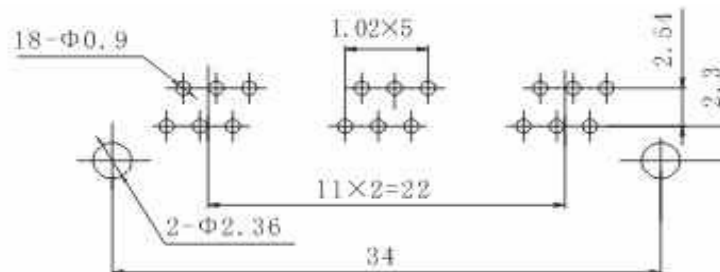
Housing: ABS RESIN (UL94V-0)  
 PBT(UL94V-0 PA66(UÖ94V-0)  
 PA46(UL94V-0)  
 Diameter 0,45mm Phosphor  
 Bronze Gold Plating over Nickel  
 Contact wire: 0,35mm thickness phosphor  
 bronze alloy selective Gold plating  
 over nickel  
 Shield 0,20~0,25mm thickness brass with  
 tin plated  
 Contact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

Working Temperatur . -40°C ~ +70°C

## Technical Drawing



## PCB Layout



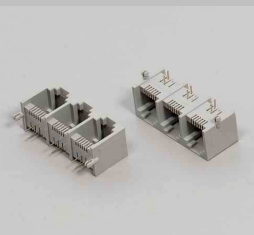
**PCB Modular Jack w/o  
shield w/o flange**

**T91A23033**

|       |       |      |      |        |      |           |           |      |            |
|-------|-------|------|------|--------|------|-----------|-----------|------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE | 10.04.2009 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. |      | 1 from 3   |

Customer:  
 email: info@edcon-components.com

# EDCON-COMPONENTS



## Ordering Informations

| Serie            | No. Of. Positions | No. Of Contact | Contact Plating | Housing Material | ROHS     | Packing   |  |  |  |  |
|------------------|-------------------|----------------|-----------------|------------------|----------|-----------|--|--|--|--|
| <b>T91A23033</b> | <b>6</b>          | <b>6</b>       | <b>GF</b>       | <b>PB</b>        | <b>R</b> | <b>TY</b> |  |  |  |  |

|                 |                            |                            |                 |                            |                         |
|-----------------|----------------------------|----------------------------|-----------------|----------------------------|-------------------------|
| <b>6=</b> 6Pos. | <b>6=</b> 6Pos. connecting | <b>GF=</b> Gold Flash      | <b>PB=</b> PBT  | <b>R=</b> ROHS conform     | <b>TY=</b> Tray Packing |
|                 |                            | <b>GA=</b> 3μGold Plating  | <b>P4=</b> PA46 | <b>N=</b> NON ROHS conform | <b>BU=</b> Bulk-Ware    |
|                 |                            | <b>GB=</b> 6μGold Plating  | <b>P6=</b> PA66 |                            |                         |
|                 |                            | <b>GC=</b> 15μGold Plating | <b>AB=</b> ABS  |                            |                         |
|                 |                            | <b>GD=</b> 30μGold Plating |                 |                            |                         |
|                 |                            | <b>GE=</b> 50μGold Plating |                 |                            |                         |

**PCB Modular Jack w/o shield w/o flange**

Part No.: **T91A23033**

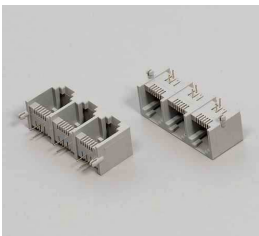
|       |       |      |      |        |      |           |           |      |            |
|-------|-------|------|------|--------|------|-----------|-----------|------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE | 10.04.2009 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. |      | 2 from 3   |

Customer:  
email: info@edcon-components.com

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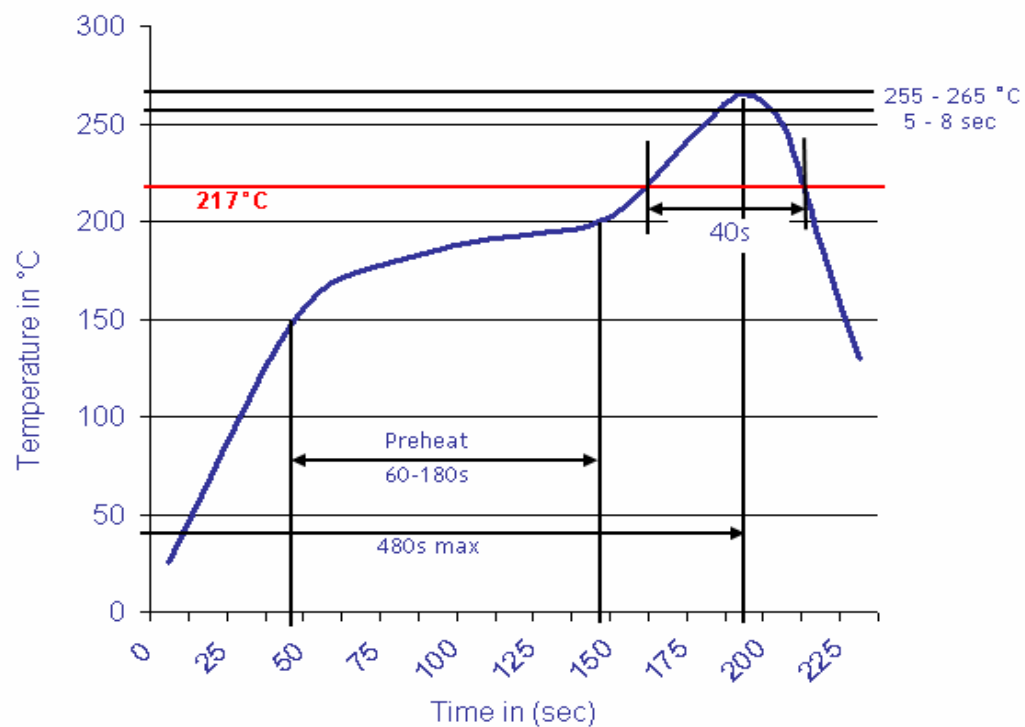
**EDCON-COMPONENTS**



**Soldering Profile Curve**

**Lead Free Soldering Curve**

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



**PCB Modular Jack w/o shield w/o flange**

Part No.: **T91A23033**

|       |       |      |      |        |      |           |           |          |            |
|-------|-------|------|------|--------|------|-----------|-----------|----------|------------|
| DRW:  | John  | CHKD | Tony | MATL:  | Tony | TOLERANCE | Su        | DATE     | 10.04.2009 |
| APPD: | Jimmy |      |      | FINISH | Jeff |           | Sheet No. | 3 from 3 | Customer:  |