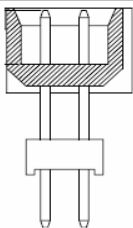


# EDCON-COMPONENTS

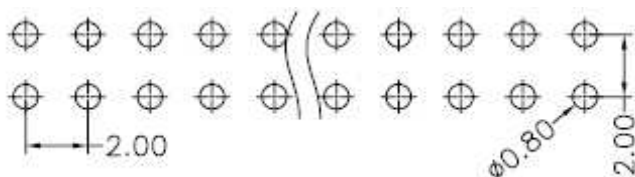


## Specifications

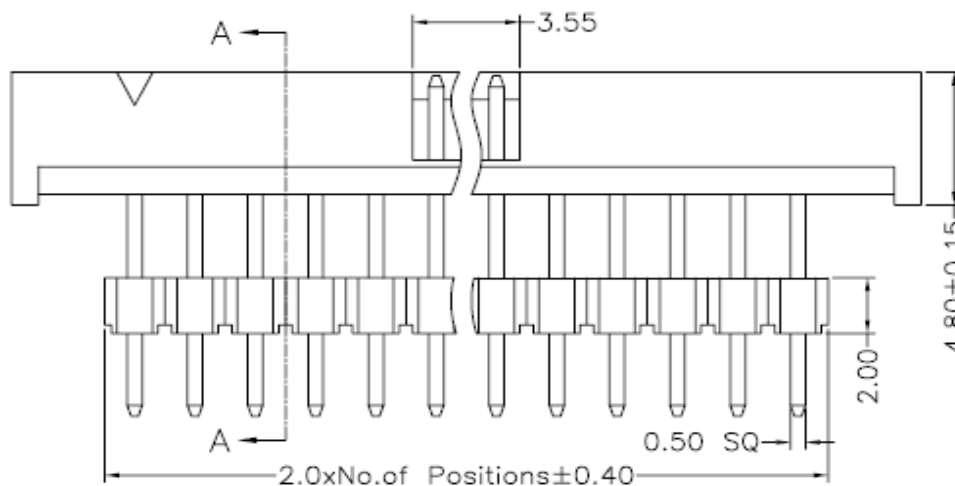
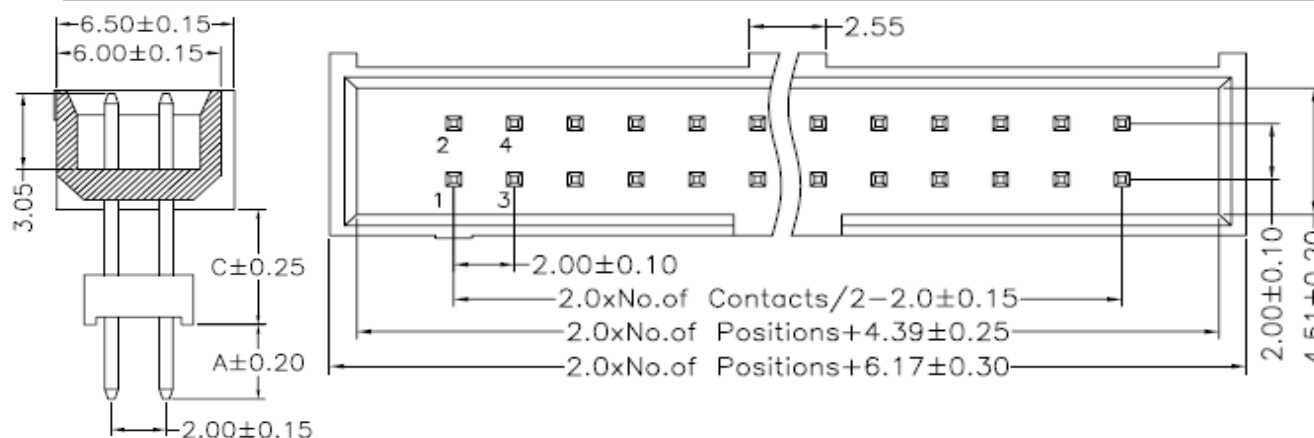
Current Rating: 1,5A  
 Insulation Resistance: 1000M Ohm min.  
 Contact Resistance: 20milli Ohm max.  
 Dielectric Voltage: 500V AC for one minute  
 Operating Temperature: -40°C ~ to +105°C  
 Insulator Material: PBT/PA6T+30% G.F.(UL94V-0)

Contact Pin: Brass  
 Contact Plating: Gold Flash all over

## PCB Layout



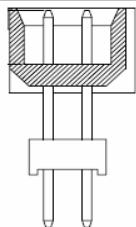
## Drawing



|   |                |
|---|----------------|
| <b>Box Header Pitch<br/>2,00x2,00mm</b> |                |
| Part No.:                               | <b>T16B020</b> |
| Customer:                               |                |

|       |        |      |        |        |        |           |       |           |            |
|-------|--------|------|--------|--------|--------|-----------|-------|-----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason | DATE      | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           |       | Sheet No. | 1 from 4   |

# EDCON-COMPONENTS



## Pin Code length table free configuration

| Dimension ( mm) |      |     |  |  |
|-----------------|------|-----|--|--|
|                 | A    | C   |  |  |
| A01             | 3,00 | xxx |  |  |
| A02             |      |     |  |  |
| A03             |      |     |  |  |
| A04             |      |     |  |  |
| A05             |      |     |  |  |
| A06             |      |     |  |  |
| A07             |      |     |  |  |
| A08             |      |     |  |  |
| A09             |      |     |  |  |
| A10             |      |     |  |  |
| A11             |      |     |  |  |
| A12             |      |     |  |  |
| A13             |      |     |  |  |
| A14             |      |     |  |  |
| A15             |      |     |  |  |
| A16             |      |     |  |  |
| A17             |      |     |  |  |
| A18             |      |     |  |  |
| A19             |      |     |  |  |
| A20             |      |     |  |  |
| A21             |      |     |  |  |
| A22             |      |     |  |  |

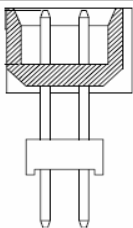
| Dimension ( mm) |   |  |  |
|-----------------|---|--|--|
|                 | A |  |  |
| A23             |   |  |  |
| A24             |   |  |  |
| A25             |   |  |  |
| A26             |   |  |  |
| A27             |   |  |  |
| A28             |   |  |  |
| A29             |   |  |  |
| A30             |   |  |  |
| A31             |   |  |  |
| A32             |   |  |  |
| A33             |   |  |  |
| A34             |   |  |  |
| A35             |   |  |  |
| A36             |   |  |  |
| A37             |   |  |  |
| A38             |   |  |  |
| A39             |   |  |  |
| A40             |   |  |  |
| A41             |   |  |  |
| A42             |   |  |  |
| A43             |   |  |  |
| A44             |   |  |  |

| Dimension ( mm) |   |  |  |
|-----------------|---|--|--|
|                 | A |  |  |
| A45             |   |  |  |
| A46             |   |  |  |
| A47             |   |  |  |
| A48             |   |  |  |
| A49             |   |  |  |
| A50             |   |  |  |
| A51             |   |  |  |
| A52             |   |  |  |
| A53             |   |  |  |
| A54             |   |  |  |
| A55             |   |  |  |
| A56             |   |  |  |
| A57             |   |  |  |
| A58             |   |  |  |
| A59             |   |  |  |
| A60             |   |  |  |
| A61             |   |  |  |
| A62             |   |  |  |
|                 |   |  |  |
| A64             |   |  |  |
| A65             |   |  |  |
| A66             |   |  |  |

|   |                |
|---|----------------|
| <b>Box Header Pitch<br/>2,00x2,00mm</b> |                |
| Part No.:                               | <b>T16B020</b> |
| Customer:                               |                |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 4   |

# EDCON-COMPONENTS



## Ordering Informations

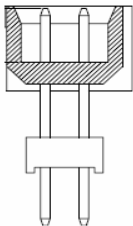
| Serie          | No. of Pos. | Contact Plating | Material  | Color of Body | Pin Length Configuration | ROHS     | Packing   |  |  |  |
|----------------|-------------|-----------------|-----------|---------------|--------------------------|----------|-----------|--|--|--|
| <b>T16B020</b> | <b>XX</b>   | <b>G0</b>       | <b>LC</b> | <b>BK</b>     | <b>A01</b>               | <b>R</b> | <b>BU</b> |  |  |  |

|   |  |                                |   |                        |   |  |
|---|--|--------------------------------|---|------------------------|---|--|
| <b>XX=</b> 10, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 60 | <b>G0=</b> Gold Flash                        | <b>LC=</b> LCP +30% GF f. ROHS | <b>BK=</b> Black<br><b>BL=</b> Blue<br><b>WH=</b> White | <b>Axx=</b> Look Table | <b>N=</b> NO ROHS conform<br><b>R=</b> ROHS conform | <b>BU=</b> Bulk Ware<br><b>TU=</b> Tube Packing<br><b>TY=</b> Tray Packing |
|   | <b>T0=</b> Tin plated                        |                                |   |                        |   |  |
|   | <b>GA=</b> 3µ Gold Plating                   |                                |   |                        |   |  |
|   | <b>GB=</b> 5µ Gold Plating                   |                                |   |                        |   |  |
|   | <b>GC=</b> 10µ Gold Plating                  |                                |   |                        |   |  |
|   | <b>GD=</b> 30µ Gold Plating                  |                                |   |                        |   |  |
|   | <b>S0=</b> Selectiv Plating Gold Flash / Tin |                                |   |                        |   |  |
|   | <b>SD=</b> Selectiv Tin/ 5µGold              |                                |   |                        |   |  |
| <b>SD=</b> Selectiv Tin/ 10µ Gold Flash                   |  |                                |   |                        |   |  |
| <b>SD=</b> Selectiv Tin/ 20µ Gold                         | <b>SD=</b> Selectiv Tin/ 30µ Gold            |                                |   |                        |   |  |

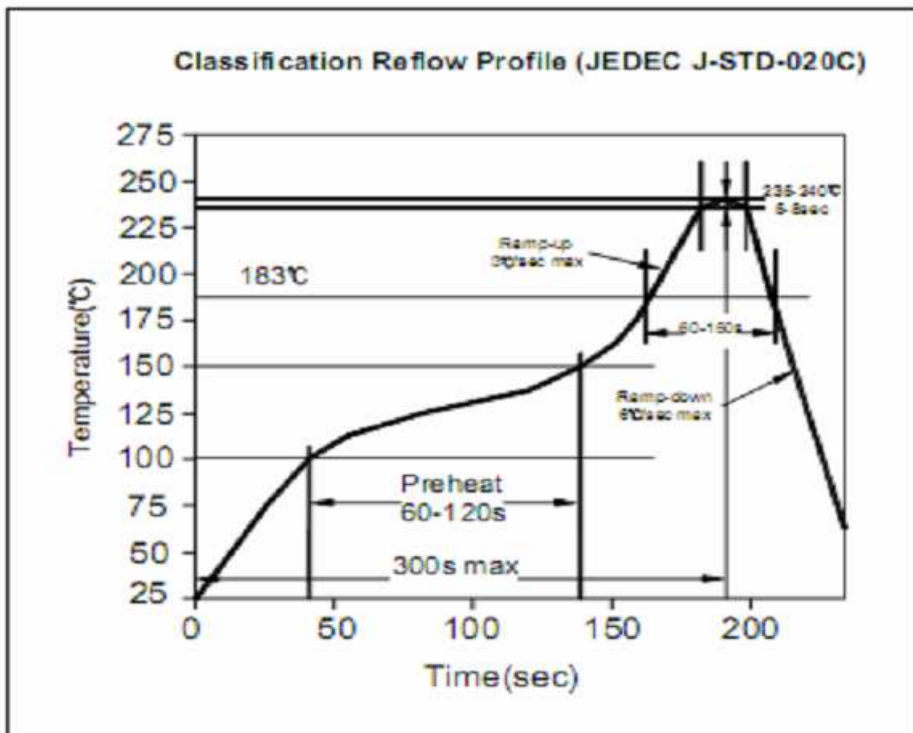
|   |
|---|
| <b>Box Header Pitch</b><br><b>2,00x2,00mm</b> |
| Part No.: <b>T16B020</b>                      |
| Customer:                                     |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 3 from 4   |

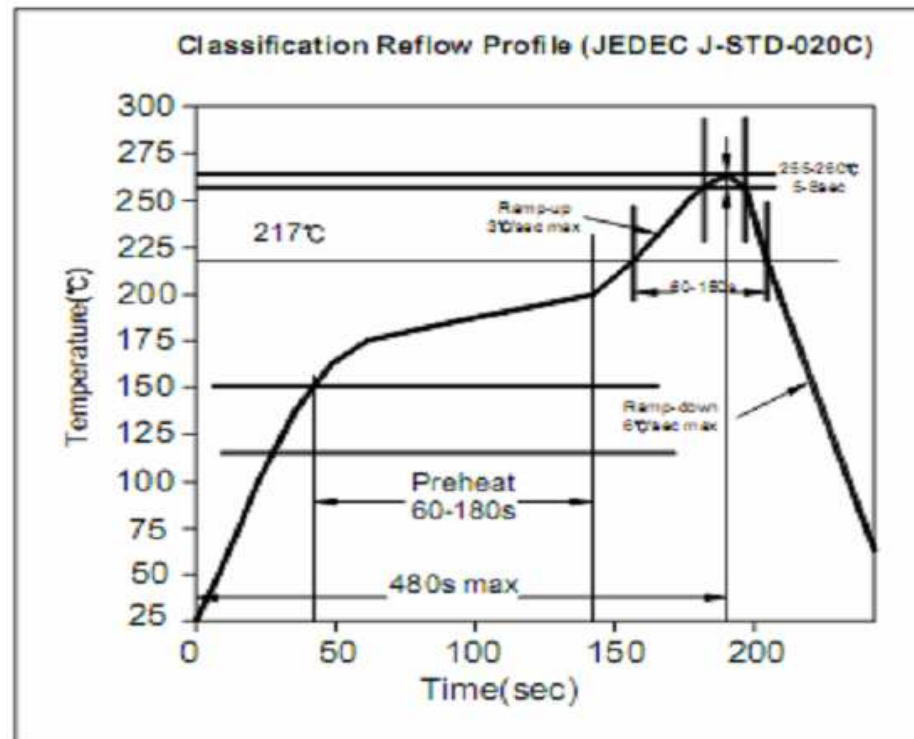
# EDCON-COMPONENTS



## Soldering Profile for Lead Soldering ( P.B.T. )



## Soldering Profile for Lead Free Soldering ( Nylon 6T )



|   |                |
|---|----------------|
| <b>Box Header Pitch<br/>2,00x2,00mm</b> |                |
| Part No.:                               | <b>T16B020</b> |
| Customer:                               |                |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 10.04.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |

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

email: info@edcon-components.com