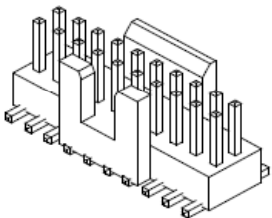


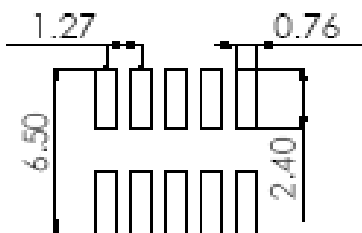
# EDCON-COMPONENTS



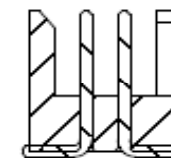
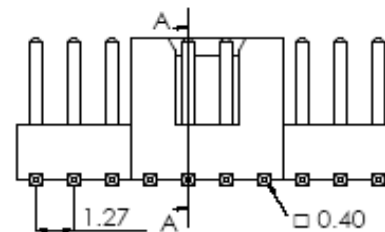
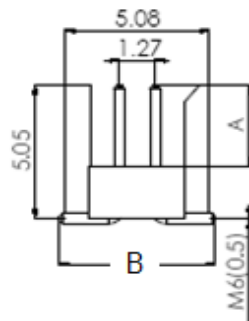
## Specifications

|                          |  |
|--------------------------|--|
| Current Rating:          | 1 Ampere   |
| Insulator Resistance:    | 5000 Megaohm min.  |
| Dielectric Withstanding: | AC 500V  |
| Operating Temperature:   | .-40°C to +105°C   |
| Contact Material:        | Copper, Alloy  |
| Insulator Material:      | Polyester, UL 94V-0  |
| Standard:                | P.B.T.   |
| Contact Plating:         | Tin, Gold or Selective Plated                                    |
| Standard:                | Gold Flash Overall   |
| Selectiv Plating:        | Gold flash plated on contact area /<br>tin plated on solder area |
| Max. Processing Temp.    | 230°C for 60 seconds   |

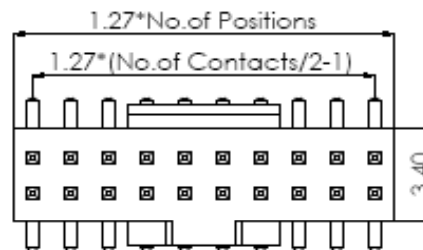
## P.C.B Layout



## Drawing ( dimensions all into mm)



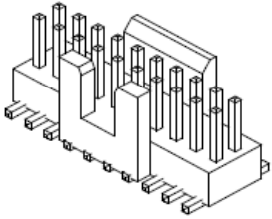
SECTION A-A



|  |                  |
|--|------------------|
| PIN Header / Dual Row / Single Body / Pitch 1,27mm |                  |
| Part No.:  | <b>T51C1002-</b> |
| Customer:  |                  |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 29.07.2021 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 |            |

# EDCON-COMPONENTS



## Pin Code length table free configuration

| Order Code | Dimension (mm) |      |      |
|------------|----------------|------|------|
|            | A              | M6   | B    |
| A01        | 3,00           | 0,50 | 5,50 |
| A02        | 3,20           | 0,00 | 5,50 |
| A03        | 3,05           | 0,00 | 5,84 |
| A04        | 1,91           | 0,00 | 5,84 |
| A05        |                |      |      |
| A06        |                |      |      |
| A07        |                |      |      |
| A08        |                |      |      |
| A09        |                |      |      |
| A10        |                |      |      |
| A11        |                |      |      |
| A12        |                |      |      |
| A13        |                |      |      |
| A14        |                |      |      |
| A15        |                |      |      |
| A16        |                |      |      |
| A17        |                |      |      |
| A18        |                |      |      |
| A19        |                |      |      |
| A20        |                |      |      |
| A21        |                |      |      |
| A22        |                |      |      |

| Order Code | Dimension (mm) |    |  |
|------------|----------------|----|--|
|            | A              | M6 |  |
| A23        |                |    |  |
| A24        |                |    |  |
| A25        |                |    |  |
| A26        |                |    |  |
| A27        |                |    |  |
| A28        |                |    |  |
| A29        |                |    |  |
| A30        |                |    |  |
| A31        |                |    |  |
| A32        |                |    |  |
| A33        |                |    |  |
| A34        |                |    |  |
| A35        |                |    |  |
| A36        |                |    |  |
| A37        |                |    |  |
| A38        |                |    |  |
| A39        |                |    |  |
| A40        |                |    |  |
| A41        |                |    |  |
| A42        |                |    |  |
| A43        |                |    |  |
| A44        |                |    |  |

| Order Code | Dimension (mm) |    |  |
|------------|----------------|----|--|
|            | A              | M6 |  |
| A45        |                |    |  |
| A46        |                |    |  |
| A47        |                |    |  |
| A48        |                |    |  |
| A49        |                |    |  |
| A50        |                |    |  |
| A51        |                |    |  |
| A52        |                |    |  |
| A53        |                |    |  |
| A54        |                |    |  |
| A55        |                |    |  |
| A56        |                |    |  |
| A57        |                |    |  |
| A58        |                |    |  |
| A59        |                |    |  |
| A60        |                |    |  |
| A61        |                |    |  |
| A62        |                |    |  |
| A63        |                |    |  |
| A64        |                |    |  |
| A65        |                |    |  |
| A66        |                |    |  |

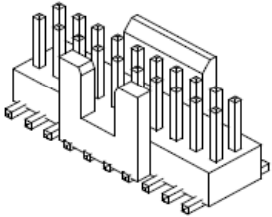
PIN Header / Dual Row / Single Body / Pitch 1,27mm

Part No.: **T51C1002-**

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 29.07.2021 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 4   |

Customer:

# EDCON-COMPONENTS



## Ordering Informations

| Serie            | No. of Pos. | Construction | Contact Plating | Material  | Polarisation Peg | Pin Length Code | ROHS     | Packing   |  |  |
|------------------|-------------|--------------|-----------------|-----------|------------------|-----------------|----------|-----------|--|--|
| <b>T51C1002-</b> | <b>XX</b>   | <b>SS</b>    | <b>G0</b>       | <b>PB</b> | <b>N</b>         | <b>A01</b>      | <b>R</b> | <b>BU</b> |  |  |

|                                 |                          |   |                               |               |                   |                        |  |
|---------------------------------|--------------------------|---|-------------------------------|---------------|-------------------|------------------------|--|
| <b>XX</b> = total pin of header | <b>SS</b> = straight SMT | <b>G0</b> = Gold Flash (Standard)             | <b>PB</b> =P.B.T (Standard)   | <b>N</b> = No | look table page 2 | <b>N</b> =NO ROHS      | <b>BU</b> = Bulk (Standard)                |
|                                 |                          | <b>T0</b> = Tin plated                        | <b>PY</b> = Polyester UL94V-0 |               |                   | <b>R</b> =ROHS conform | <b>TU</b> = Tube w/o Cap                   |
|                                 |                          | <b>GA</b> = 10µ Gold Plating                  | <b>NY</b> = Nylon-6T          |               |                   |                        | <b>TC</b> = Tube w. pic and Place Cap      |
|                                 |                          | <b>GB</b> = 15µ Gold Plating                  |                               |               |                   |                        | <b>TY</b> = Tray packing w/o Cap           |
|                                 |                          | <b>GC</b> = 20µ Gold Plating                  |                               |               |                   |                        | <b>TR</b> = Tape/Reel w. pic and Place Cap |
|                                 |                          | <b>S0</b> = Selectiv Plating Gold Flash / Tin |                               |               |                   |                        |  |
|                                 |                          | <b>TN</b> = Tin Plated                        |                               |               |                   |                        |  |

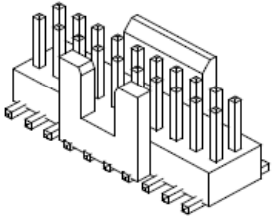
|  |
|--|
| PIN Header / Dual Row / Single Body / Pitch 1,27mm |
| Part No.: <b>T51C1002-</b>                         |
| Customer:  |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 29.07.2021 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 3 from 4   |

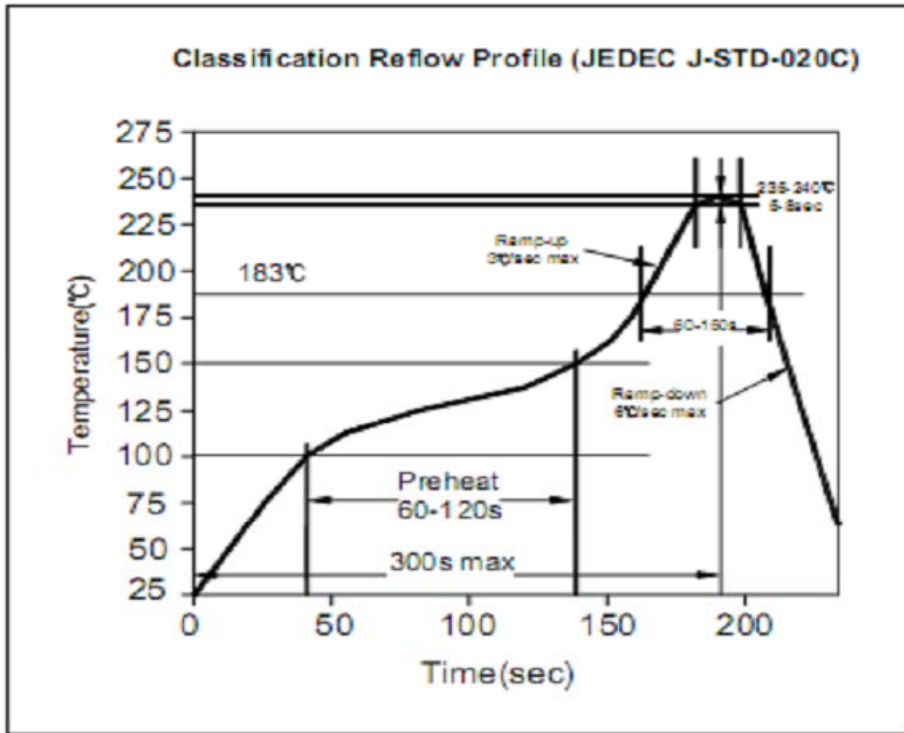
[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

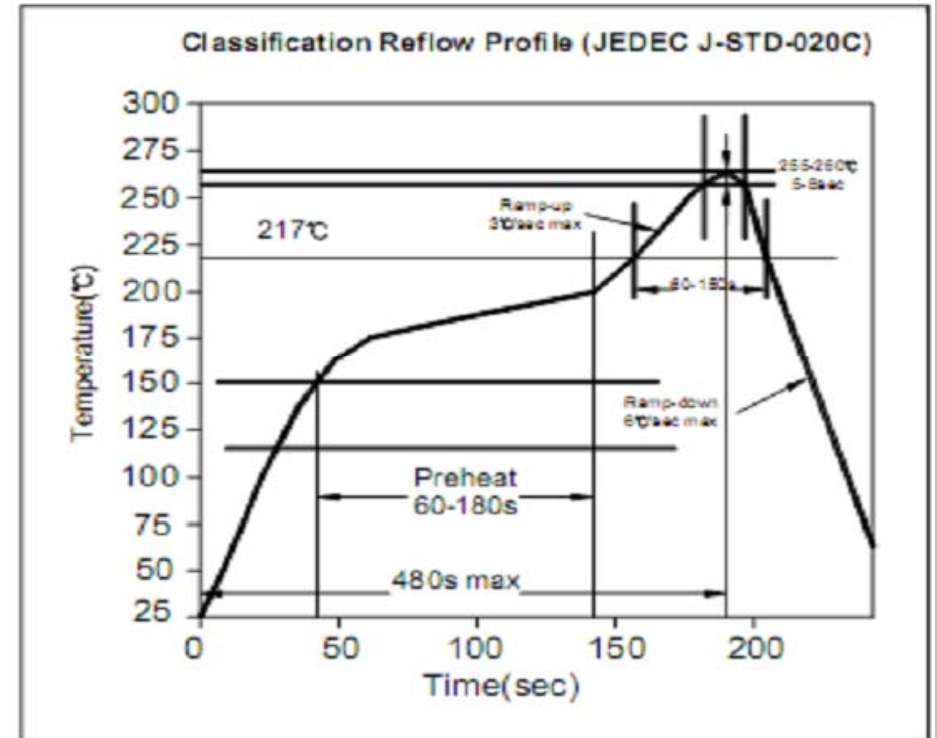
# EDCON-COMPONENTS



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



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



PIN Header / Dual Row / Single Body / Pitch 1,27mm

Part No.: **T51C1002-**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 29.07.2021 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |

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email: [info@edcon-components.com](mailto:info@edcon-components.com)