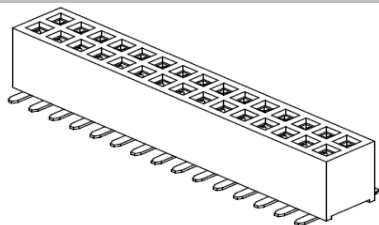


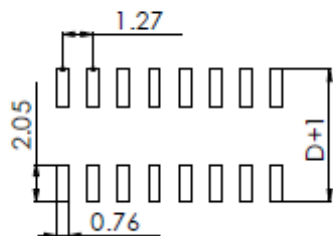
# EDCON-COMPONENTS



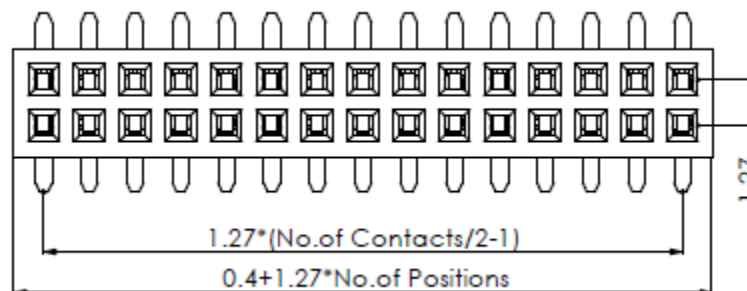
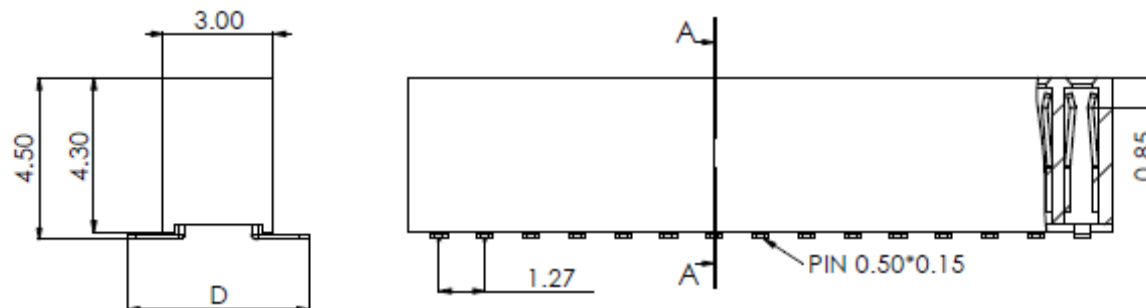
## Specifications

|                          |                               |
|--------------------------|-------------------------------|
| Current Rating:          | 1 Ampere                      |
| Insulator Resistance:    | 5000 Megaohm min.             |
| Contact Resistance       | 20m Ohm max.                  |
| Dielectric Withstanding: | AC 500V                       |
| Operating Temperature:   | .-40°C to +105°C              |
| Contact Material:        | Phosphor Bronze               |
| Insulator Material:      | Polyester, UL 94V-0           |
| Standard:                | Nylon 6T                      |
| Contact Plating:         | Tin, Gold or Selective Plated |
| Standard:                | Gold Flash Overall            |

## P.C.B Layout



## Drawing

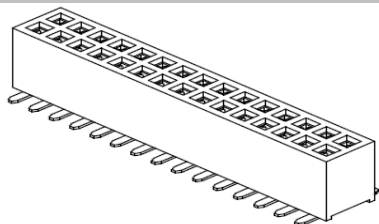


**Female Header Pitch  
1,27mm**

Part No.: **T27C1001**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 04.07.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 | Customer:  |

# EDCON-COMPONENTS



## Pin Code length table free configuration

| Order Code | Dimension (mm) |  |  |  |
|------------|----------------|--|--|--|
|            | D              |  |  |  |
| A01        | 5,10           |  |  |  |
| A02        | 4,60           |  |  |  |
| A03        |                |  |  |  |
| A04        |                |  |  |  |
| A05        |                |  |  |  |
| A06        |                |  |  |  |
| A07        |                |  |  |  |
| A08        |                |  |  |  |
| A09        |                |  |  |  |
| A10        |                |  |  |  |
| A11        |                |  |  |  |
| A12        |                |  |  |  |
| A13        |                |  |  |  |
| A14        |                |  |  |  |
| A15        |                |  |  |  |
| A16        |                |  |  |  |
| A17        |                |  |  |  |
| A18        |                |  |  |  |
| A19        |                |  |  |  |
| A20        |                |  |  |  |
| A21        |                |  |  |  |
| A22        |                |  |  |  |

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

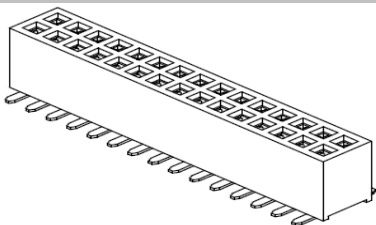
**Female Header Pitch  
1,27mm**

Part No.: **T27C1001**

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 04.07.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 4   |

Customer:

# EDCON-COMPONENTS



## Ordering Informations

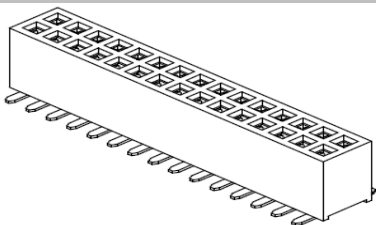
| Serie           | No. of Pos. | Construction | Contact Plating | Material  | Special function | Pin Length Code | ROHS     | Packing   |  |  |
|-----------------|-------------|--------------|-----------------|-----------|------------------|-----------------|----------|-----------|--|--|
| <b>T27C1001</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>04 ~ 80Pos.</b> | <b>SS=</b> Straight SMT | <b>G0=</b> Gold Flash (Standard)             | <b>PB=</b> P.B.T | <b>N=</b> No | look Table No. 1 | <b>N=</b> NO ROHS conform                 | <b>BU=</b> Bulk (Standard) |
|                    |                         | <b>T0=</b> Tin plated                        |                  |              |                  |   | <b>NY=</b> Nylon-6T        |
|                    |                         | <b>GA=</b> 10µ Gold Plating                  | <b>PA=</b> PA-46 |              |                  | <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 |                  |              |                  |   |                            |

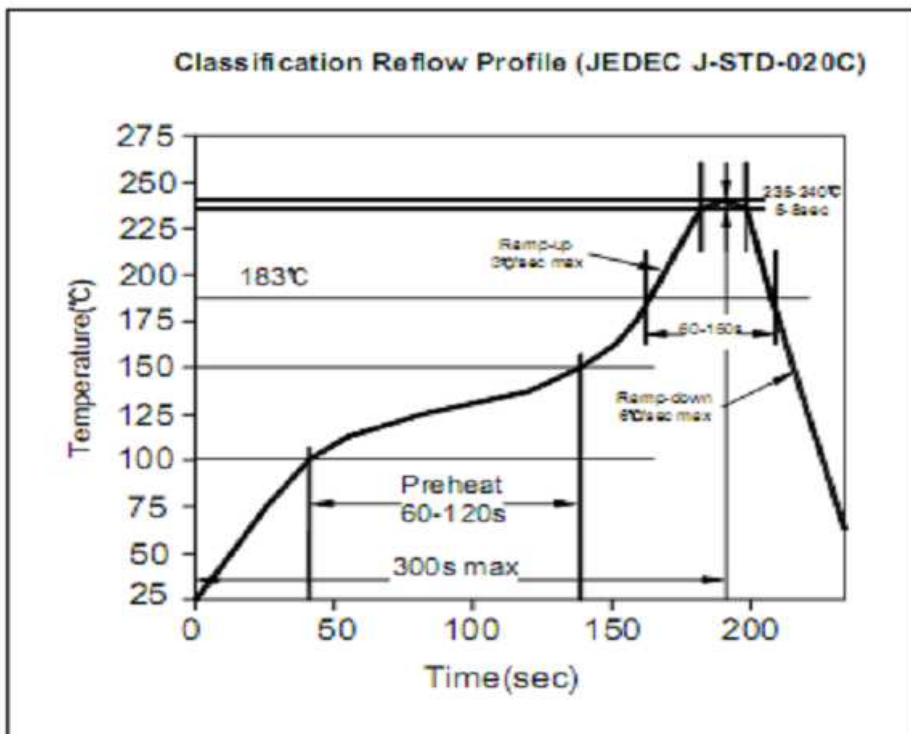
|                                       |                 |
|---------------------------------------|-----------------|
| <b>Female Header Pitch<br/>1,27mm</b> |                 |
| Part No.:                             | <b>T27C1001</b> |
| Customer:                             |                 |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 04.07.2009 |
| 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 )



**Female Header Pitch  
1,27mm**

Part No.: **T27C1001**

|       |        |      |        |        |        |           |           |          |            |           |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 04.07.2009 | Customer: |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |           |