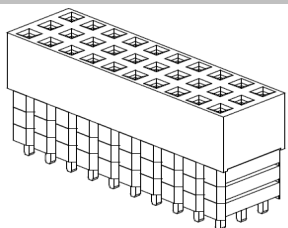


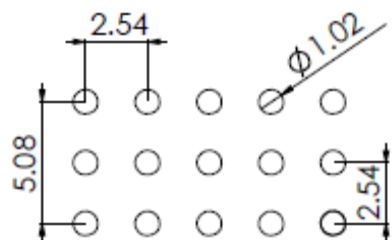
# EDCON-COMPONENTS



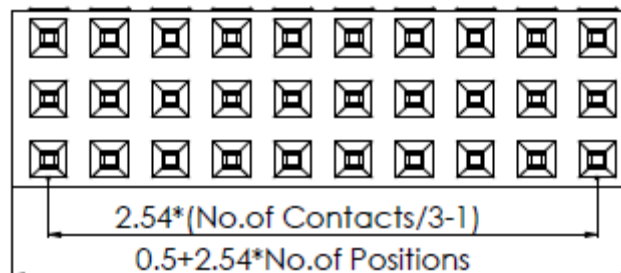
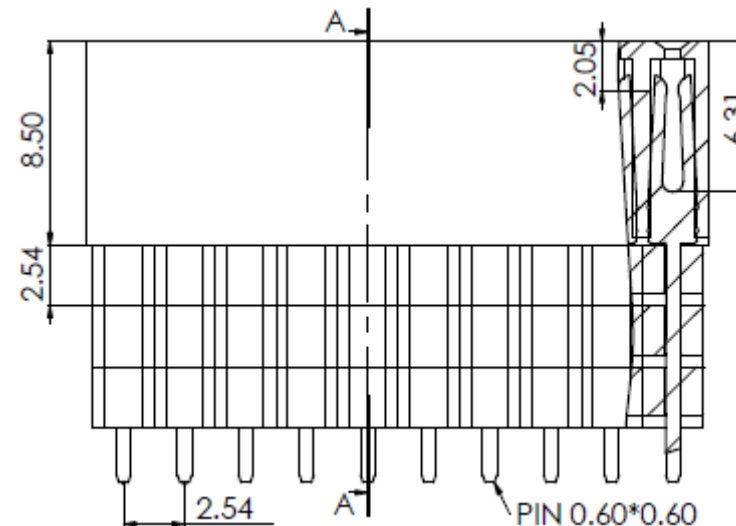
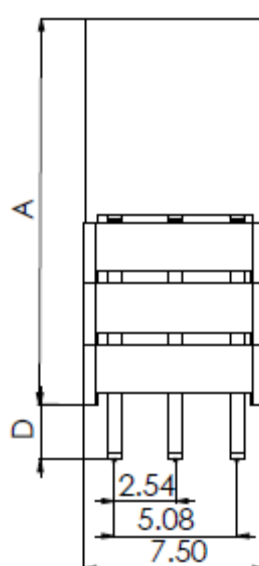
## Specifications

|                          |                               |
|--------------------------|-------------------------------|
| Current Rating:          | 3 Ampere                      |
| Insulator Resistance:    | 5000 Megaohm min.             |
| Contact Resistance:      | 20m Ohm max.                  |
| Dielectric Withstanding: | AC 1000V                      |
| Operating Temperature:   | .-40°C to +105°C              |
| Contact Material:        | Brass                         |
| Insulator Material:      | Polyester, UL 94V-0           |
| Standard:                | P.B.T.                        |
| Contact Plating:         | Tin, Gold or Selective Plated |
| Standard:                | Gold Flash Overall            |

## P.C.B Layout



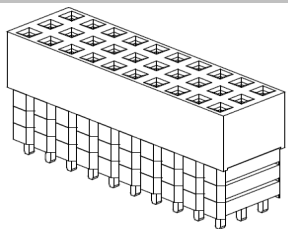
## Drawing



|   |
|---|
| <b>Female Header Pitch</b><br><b>2,54mm</b> |
| Part No.: <b>T27A1031</b>                   |
| Customer:                                   |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 04.06.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 |            |

# EDCON-COMPONENTS



## Pin Code length table free configuration

| Order Code | Dimension (mm) |      |  |  |
|------------|----------------|------|--|--|
|            | A              | D    |  |  |
| A01        | 11,04          | 2,30 |  |  |
| A02        | 13,58          | 2,30 |  |  |
| A03        | 16,12          | 2,30 |  |  |
| A04        |                |      |  |  |
| A05        |                |      |  |  |
| A06        |                |      |  |  |
| A07        |                |      |  |  |
| A08        |                |      |  |  |
| A09        |                |      |  |  |
| A10        |                |      |  |  |
| A11        |                |      |  |  |
| A12        |                |      |  |  |
| A13        |                |      |  |  |
| A14        |                |      |  |  |
| A15        |                |      |  |  |
| A16        |                |      |  |  |
| A17        |                |      |  |  |
| A18        |                |      |  |  |
| A19        |                |      |  |  |
| A20        |                |      |  |  |
| A21        |                |      |  |  |
| A22        |                |      |  |  |

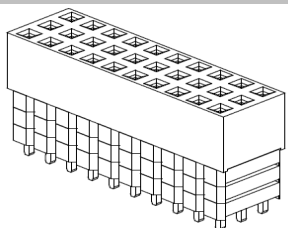
| Order Code | Dimension (mm) |   |  |  |
|------------|----------------|---|--|--|
|            | A              | D |  |  |
| A23        |                |   |  |  |
| A24        |                |   |  |  |
| A25        |                |   |  |  |
| A26        |                |   |  |  |
| A27 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

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

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Female Header Pitch<br/>2,54mm</b> |                 |
| Part No.:                             | <b>T27A1031</b> |
| Customer:                             |                 |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 04.06.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 4   |

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## Ordering Informations

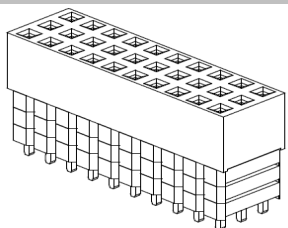
| Serie           | No. of Pos. | Construction | Contact Plating | Material  | Special Function | Pin Length Code | ROHS     | Packing   |  |  |
|-----------------|-------------|--------------|-----------------|-----------|------------------|-----------------|----------|-----------|--|--|
| <b>T27A1031</b> | <b>XX</b>   | <b>ST</b>    | <b>G0</b>       | <b>PB</b> | <b>N</b>         | <b>A01</b>      | <b>R</b> | <b>BU</b> |  |  |

|                     |                         |  |                  |              |                  |   |                            |
|---------------------|-------------------------|--|------------------|--------------|------------------|---|----------------------------|
| <b>09 ~ 96 Pos.</b> | <b>ST=</b> straight THT | <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/>2,54mm</b> |                 |
| Part No.:                             | <b>T27A1031</b> |
| Customer:                             |                 |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 04.06.2009 |
| 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  
2,54mm**

Part No.: **T27A1031**

|       |        |      |        |        |        |           |           |          |            |           |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 04.06.2009 | Customer: |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |           |

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