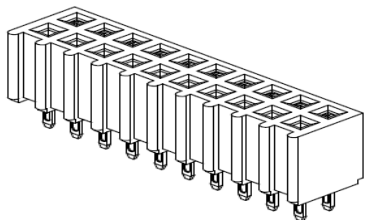


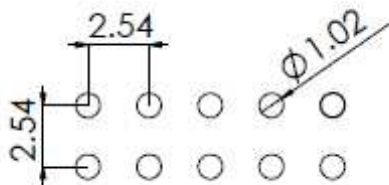
# EDCON-COMPONENTS



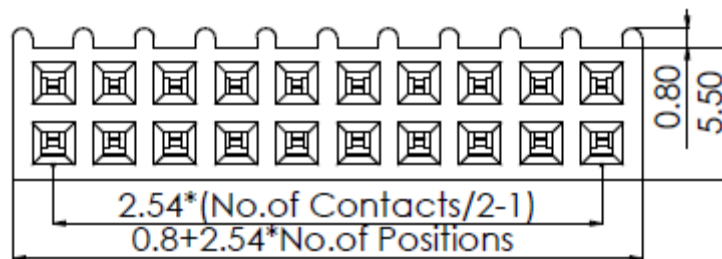
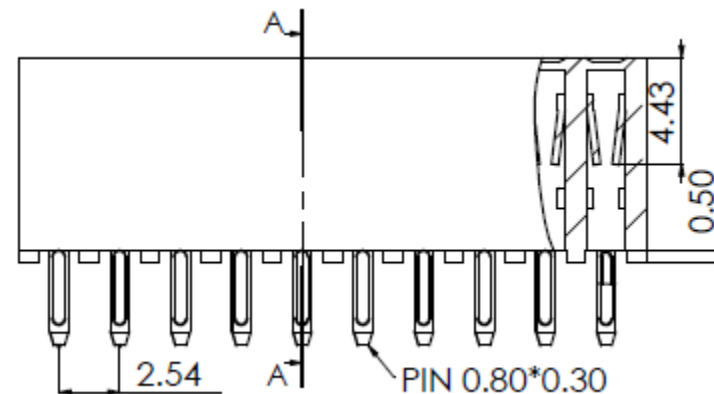
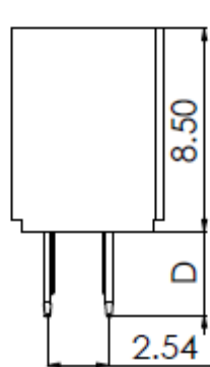
## Specifications

|                          |                               |
|--------------------------|-------------------------------|
| 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



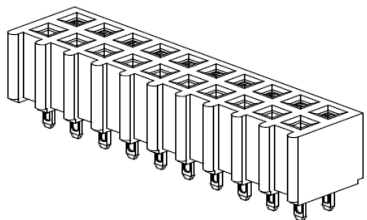
**Female Header Pitch  
2,54mm**

Part No.: **T27A1018**

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

Customer:  
email: info@edcon-components.com

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## Pin Code length table free configuration

| Order Code | Dimension (mm) |  |  |  |
|------------|----------------|--|--|--|
|            | D              |  |  |  |
| A01        | 3,50           |  |  |  |
| A02        |                |  |  |  |
| 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        |                |  |  |  |

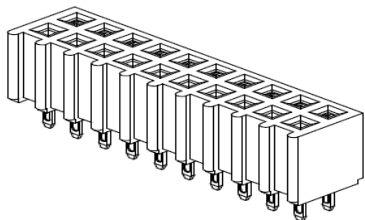
**Female Header Pitch  
2,54mm**

Part No.: **T27A1018**

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

Customer:

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## Ordering Informations

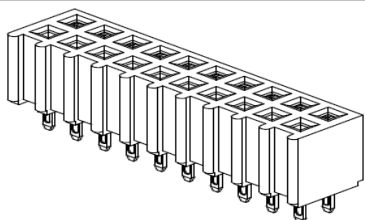
| Serie           | No. of Pos. | Construction | Contact Plating | Material  | Special Function | Pin Length Code | ROHS     | Packing   |  |  |
|-----------------|-------------|--------------|-----------------|-----------|------------------|-----------------|----------|-----------|--|--|
| <b>T27A1018</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>XX</b> = Total Pin | <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>R</b> = ROHS conform   | <b>TU</b> = Tube w/o Cap                   |
|                       |                          | <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 |                      |               |                  |                           |  |

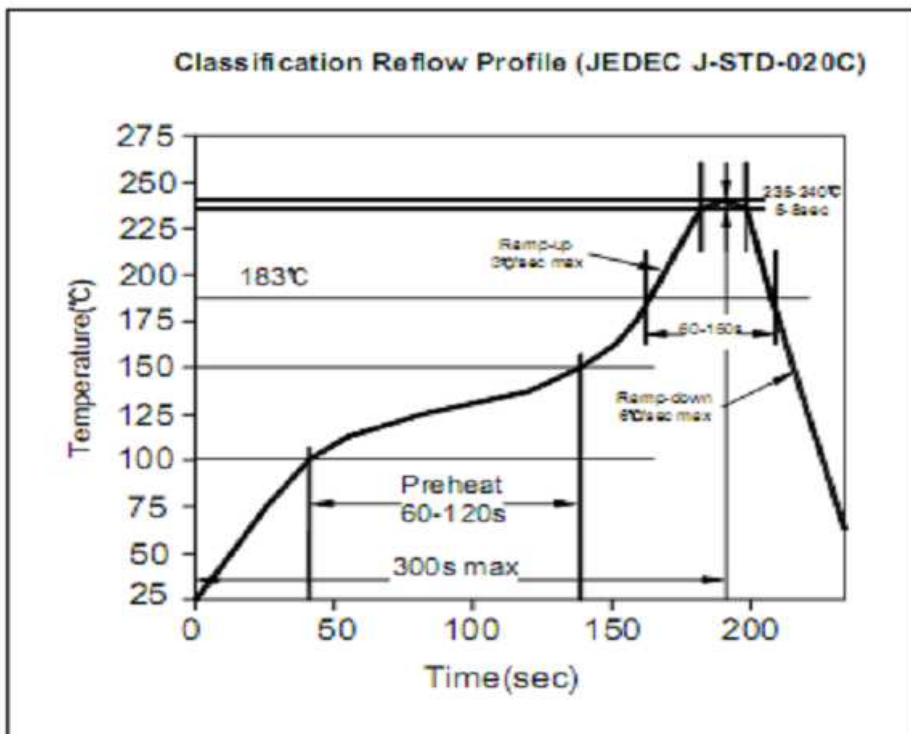
|                                       |                 |
|---------------------------------------|-----------------|
| <b>Female Header Pitch<br/>2,54mm</b> |                 |
| Part No.:                             | <b>T27A1018</b> |
| Customer:                             |                 |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 04.06.2009 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 3 from 4   |

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



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



**Female Header Pitch  
2,54mm**

Part No.: **T27A1018**

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