

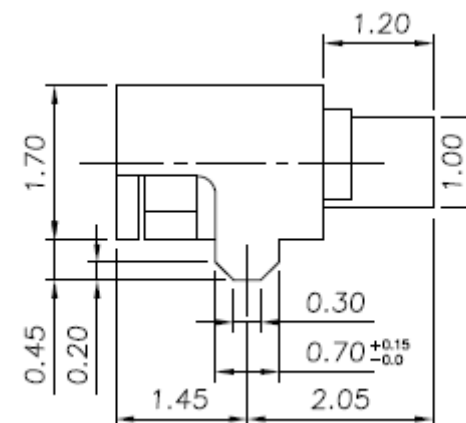
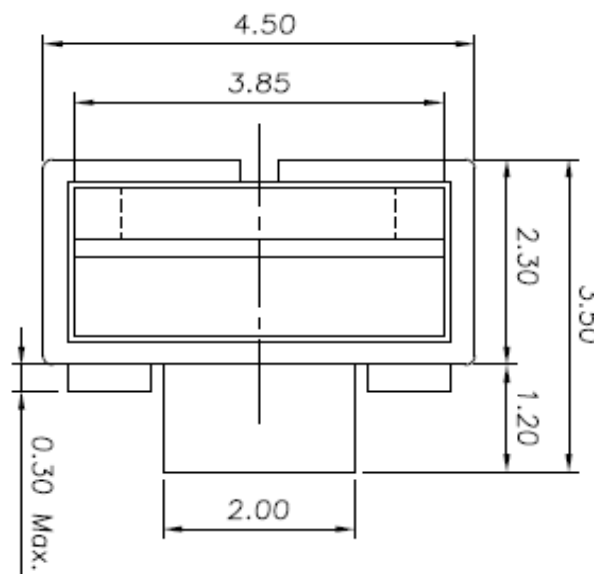
# EDCON-COMPONENTS



## SPECIFICATION:

|                        |                              |
|------------------------|------------------------------|
| Voltage Rating:        | 12VDC                        |
| Current Rating:        | 20mA                         |
| Mechanical Life:       | 100.000 cycles               |
| Contact Resistance:    | 100m $\Omega$ max. (initial) |
| Insulation Resistance: | 100M $\Omega$ min. 500VDC    |
| Dielectric Strength:   | 250VAC/1min.                 |
| Operating Temperature: | -20°C ~ +70°C                |
| Storage Temperature:   | -30°C ~ +80°C                |
| Operating Force:       | 160gr $\pm$ 50gr             |
| Travel:                | 0,2mm $\pm$ 0,1mm            |

## Drawing



| No | Part Name | Material | Finishing |
|----|-----------|----------|-----------|
|----|-----------|----------|-----------|

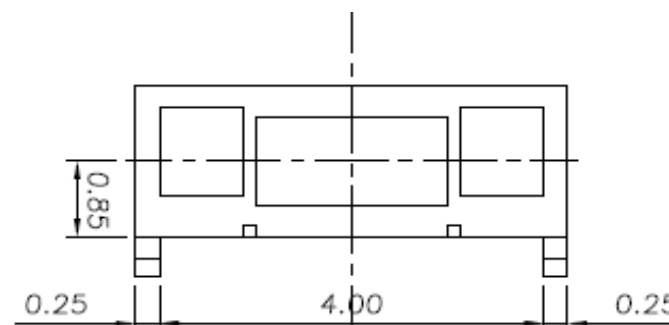
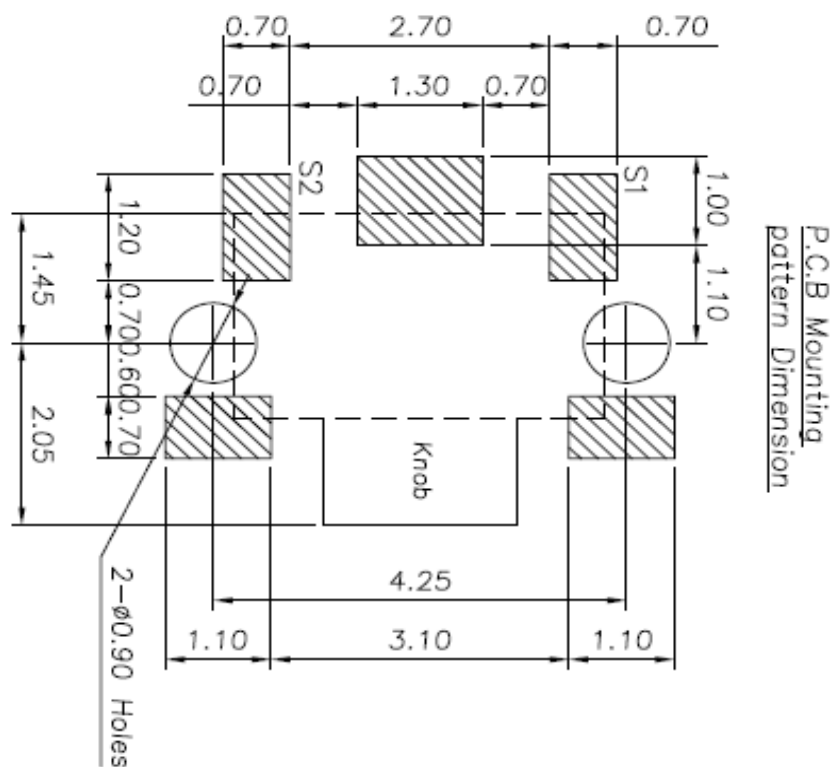
## SMT Tact Switch Side Type

Part No.: **Q12154**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 01.07.2016 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 4 |            |

Customer:

# EDCON-COMPONENTS



Circuit Diagram



## SMT Tact Switch Side Type

Part No.: **Q12154**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 01.07.2016 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 2 from 4 |            |

# EDCON-COMPONENTS



## Ordering Informations

| Serie         | Total length<br>w. Body | Special<br>function | Operating<br>Force | Polarisation<br>Peg | Electrical life | Special<br>function | ROHS     | Packing   |  |  |
|---------------|-------------------------|---------------------|--------------------|---------------------|-----------------|---------------------|----------|-----------|--|--|
| <b>Q12154</b> | <b>035</b>              | <b>N</b>            | <b>161</b>         | <b>N</b>            | <b>104</b>      | <b>N</b>            | <b>R</b> | <b>TR</b> |  |  |

|                    |                                   |                    |                        |                                |                                   |                            |                                  |
|--------------------|-----------------------------------|--------------------|------------------------|--------------------------------|-----------------------------------|----------------------------|----------------------------------|
| <b>035</b> = 3,5mm | <b>N</b> = No special<br>function | <b>161</b> = 160gr | <b>N</b> = without Peg | <b>104</b> = 100.000<br>Cycles | <b>N</b> = No special<br>function | <b>N</b> = Non ROHS        | <b>TR</b> = Tape/Reel<br>Packing |
|                    |                                   |                    |                        |                                |                                   | <b>R</b> = ROHS<br>conform | <b>TU</b> = Tube<br>Packing      |
|                    |                                   |                    |                        |                                |                                   |                            | <b>BU</b> = Bulk Ware            |

## SMT Tact Switch Side Type

Part No.: **Q12154**

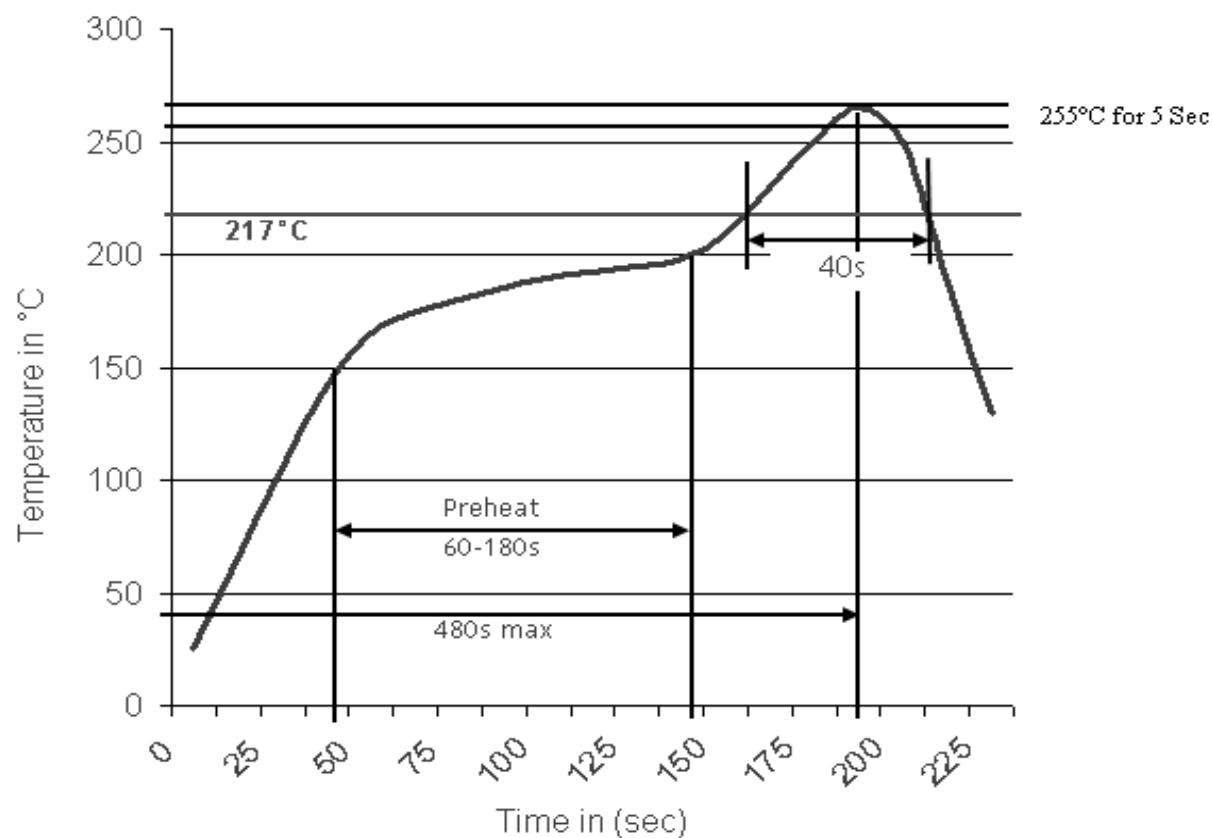
Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 01.07.2016 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 3 from 4 |            |



## Soldering Profile Curve

## Classification Reflow Profile (JEDEC J-STD-020C)


**SMT Tact Switch Side Type**

 Part No.: **Q12154**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 01.07.2016 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 4 from 4 |            |