

# EDCON-COMPONENTS



## Technical Discription

### 1 Material:

|                  |          |
|------------------|----------|
| Material Body:   | C2700    |
| Gold Plated:     | 16-20µm  |
| Nickel:          | 60-120µm |
| Material Needle: | C3604    |
| Gold Plated:     | 4-8µm    |
| Nickel:          | 60-120µm |
| Spring:          | SUS304   |
| Body:            | PA46     |

### 2 Mechanical Properties

|                 |           |
|-----------------|-----------|
| Pitch:          | 2,80mm    |
| Working height: | 6,6~6,9mm |
| Elastic:        | 100 ±20gr |

Lifetime: more than 10000 times

### 3 Electrical Performance:

|                         |  |
|-------------------------|--|
| 4 Isolation Resistance: | 500M Ohm min.  |
| Withstanding Voltage:   | 500VAC/DC  |
| Max. Rated Voltage:     | 36VDC dynamic range of work with impedance less than |

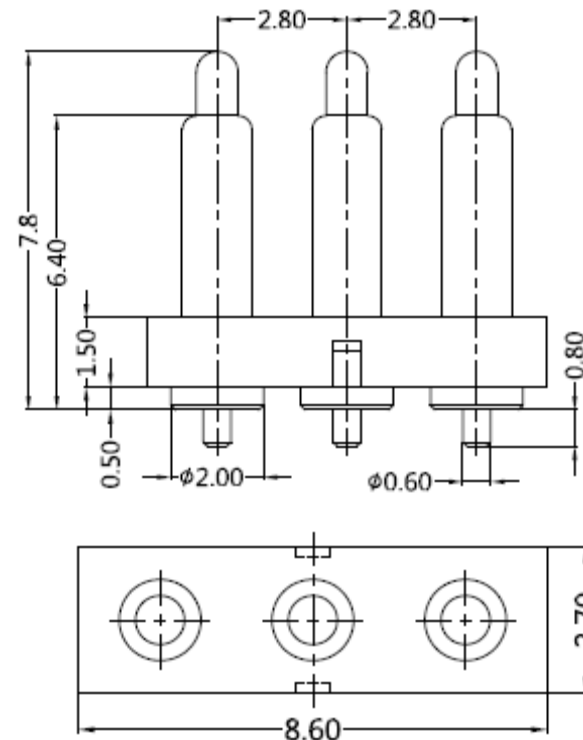
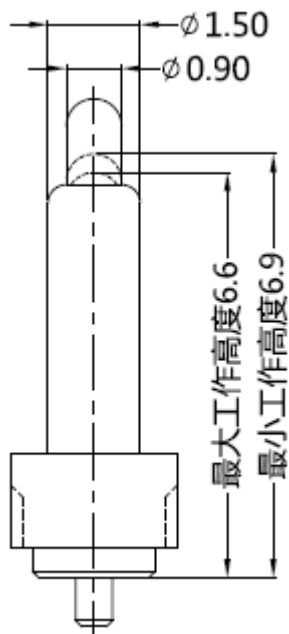
Contact Resistance: <30m Ohm

Rated current: 2,5A

### 5 Packing Specification:

|                               |                 |
|-------------------------------|-----------------|
| 6 Max. Soldering Temperature: | 260°C           |
| Operating Temperature:        | -.40°C to +85°C |

## Drawing

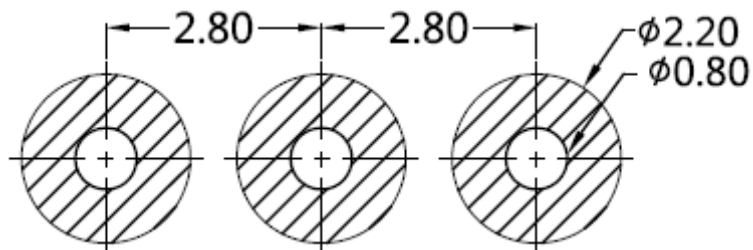


|       |        |      |        |        |        |           |           |        |          |       |  |
|-------|--------|------|--------|--------|--------|-----------|-----------|--------|----------|-------|--|
|       |        |      |        |        |        |           | Tolerance |        |          |       | <b>THT 3 POGO PIN<br/>with Plastic</b> |
|       |        |      |        |        |        |           | 0.        | 0.0    | 0.00     | 0.000 |  |
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | ± -       | ± 0,30 | ± 0,15   | ± -   | Customer:                              |
| APPD: | Schumi |      |        | FINISH | Jamy   |           |           |        |          |       |  |
|       |        |      |        |        |        |           | Mason     |        | DATE     |       | 08.12.2017                             |
|       |        |      |        |        |        |           | Sheet No. |        | 1 from 3 |       |  |

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## PCB Layout ( mm)



## Ordering Informations

| Serie     | Number of Position | Material Body | Material Needle | Contact Plat. Body | Contact Plat. Needle | Spezial Function | ROHS | Packing |  |  |
|-----------|--------------------|---------------|-----------------|--------------------|----------------------|------------------|------|---------|--|--|
| TA23C3051 | 03                 | A             | A               | G0                 | G0                   | N                | R    | BU      |  |  |

|              |                   |                   |   |   |                |                 |                        |
|--------------|-------------------|-------------------|---|---|----------------|-----------------|------------------------|
| 03= Position | A= Material C3604 | A= Material C3604 | G0= Gold Flash <math>< 16-20\mu\text{inch}</math> | G0= Gold Flash 4-8<math>\mu\text{inch}</math> | N= No function | R= ROHS Conform | BU= Bulk-Ware Standard |
|              | B= Material C2700 | B= Material C2700 |   |   |                |                 |                        |
|              |                   |                   | NO= Nickel 60-120<math>\mu\text{inch}</math>      | NO= Nickel 60-120<math>\mu\text{inch}</math>  |                |                 | TU= Tube Packing       |

### THT 3 POGO PIN with Plastic

Part No.: TA23C3051

|       |        |      |        |        |        |           |           |          |            |           |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 08.12.2017 | Customer: |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 2 from 3 |            |           |



Soldering Profile Curve

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



|  |                  |
|--|------------------|
| <b>THT 3 POGO PIN<br/>with Plastic</b> |                  |
| Part No.:                              | <b>TA23C3051</b> |
| Customer:                              |                  |

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 08.12.2017 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 3 from 3 |            |