

# EDCON-COMPONENTS



## Technical Discription

## Drawing

### 1 Material:

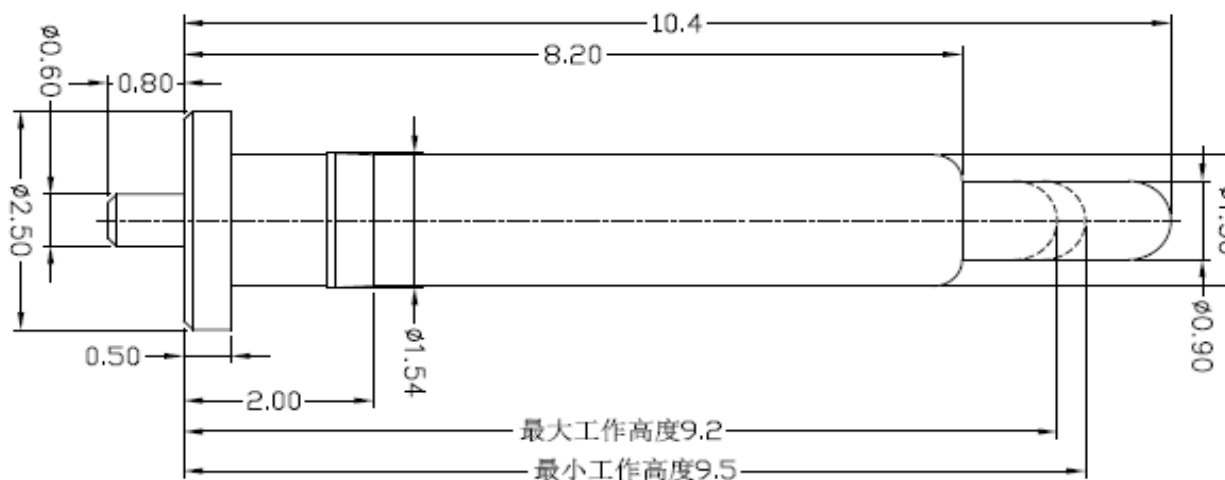
|                 |          |
|-----------------|----------|
| Material Body:  | C2700    |
| Gold Plated     | 16-20µm  |
| Nickel          | 60-120µm |
| Material Needle | C3604    |
| Gold Plated     | 4-8µm    |
| Nickel          | 60-120µm |
| Spring:         | SUS304   |

### 2 Mechanical Properties

|                         |             |
|-------------------------|-------------|
| Working height:         | 9,2~9,5mm   |
| Elastic                 | 100 ± 20gr  |
| Max. Compression stroke | 1,3 mm      |
| Lifetime:more than      | 10000 times |

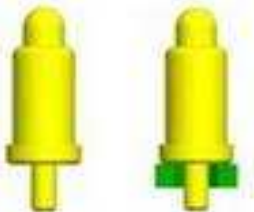
### 3 Electrical Performance:

|                              |  |
|------------------------------|--|
| Max.Rated Voltage:           | 36VDC dynamic range of work with impedance less than |
| Contact Resistance:          | <30m Ohm   |
| Rated current:               | 2,5A   |
| 4 Max.Soldering Temperature: | 260°C  |
| Operating Temperature:       | .-40°C to +85°C                                      |



|       |        |      |        |        |        |           |           |        |            |          |                                |
|-------|--------|------|--------|--------|--------|-----------|-----------|--------|------------|----------|--------------------------------|
|       |        |      |        |        |        |           | Tolerance |        |            |          | <b>THT Single POGO<br/>PIN</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   | 06.12.2017 | 1 from 3 |                                |
|       |        |      |        |        |        |           | Sheet No. |        |            |          |                                |

# EDCON-COMPONENTS



## Ordering Informations

| Serie | Number of Position | Material Body | Material Needle | Contact Plat. Body | Contact Plat. Needle | Spezial Function | ROHS | Packing |  |  |
|-------|--------------------|---------------|-----------------|--------------------|----------------------|------------------|------|---------|--|--|
|-------|--------------------|---------------|-----------------|--------------------|----------------------|------------------|------|---------|--|--|

|           |    |   |   |    |    |   |   |    |  |  |
|-----------|----|---|---|----|----|---|---|----|--|--|
| TA23C1037 | 01 | A | A | G0 | G0 | N | R | BU |  |  |
|-----------|----|---|---|----|----|---|---|----|--|--|

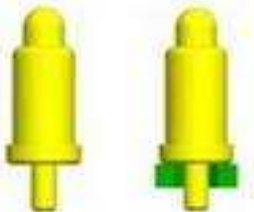
|                 |                   |                   |                            |                         |                |                 |                        |
|-----------------|-------------------|-------------------|----------------------------|-------------------------|----------------|-----------------|------------------------|
| 01= Single Pole | A= Material C3604 | A= Material C3604 | G0= Gold Flash <16-20µinch | G0= Gold Flash 4-8µinch | N= No function | R= ROHS Conform | BU= Bulk-Ware Standard |
|                 | B= Material C2700 | B= Material C2700 |                            |                         |                |                 |                        |
|                 |                   |                   | NO= Nickel 60-120µinch     | NO= Nickel 60-120µinch  |                |                 |                        |

**THT Single POGO PIN**

Part No.: **TA23C1037**

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 06.12.2017 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 2 from 3   |

Customer:



Soldering Profile Curve

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



**THT Single POGO  
PIN**

Part No.: **TA23C1037**

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 06.12.2017 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 3 from 3 | Customer:  |