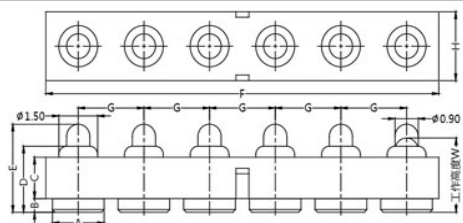


EDCON-COMPONENTS



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 |
| Body: | PA46 |

2 Mechanical Properties

| | |
|-----------------|-----------|
| Pitch: | 2,54mm |
| Working height: | 7,0~7,3mm |
| Elastic: | 100±20gr |

Lifetime: more than 10000 times

3 Electrical Performance:

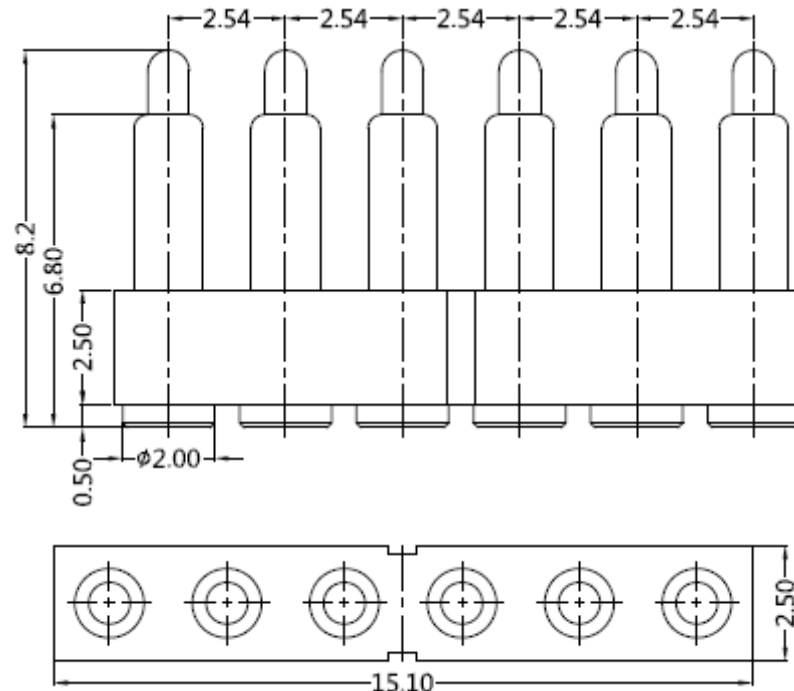
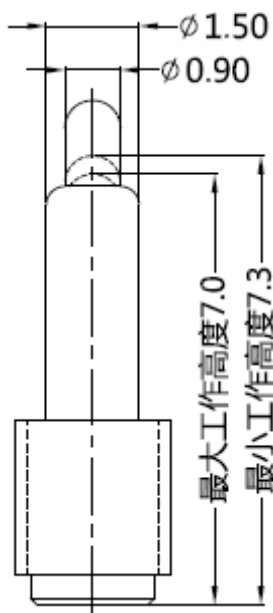
4 Isolation Resistance: 500M Ohm min.
 Withstanding Voltage: 500VAC/DC
 Max. Rated Voltage: 36VDC dynamic range of work with impedance less than

Contact Resistance: <30m Ohm

Rated current: 2,5A

5 Packing Specification:

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

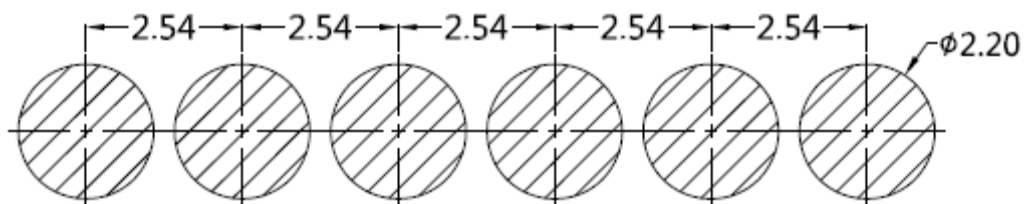


| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|--------------------------------|
| | | | | | | Tolerance | | | | 6 POGO PIN with Plastic |
| | | | | | | 0. | 0.0 | 0.00 | 0.000 | |
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 06.12.2017 | Customer: |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 3 | | |

EDCON-COMPONENTS



PCB Layout (mm)



Ordering Informations

| Serie | Number of Position | Material Body | Material Needle | Contact Plat. Body | Contact Plat. Needle | Spezial Function | ROHS | Packing | | |
|------------------|--------------------|---------------|-----------------|--------------------|----------------------|------------------|----------|-----------|--|--|
| TA23B7045 | 06 | A | A | G0 | G0 | N | R | BU | | |

| | | | | | | | |
|---------------------|--------------------------|--------------------------|--------------------------------------|--------------------------------|-----------------------|------------------------|-------------------------------|
| 06= Position | 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 | | | | | |
| | | | N0= Nickel 60-120µinch | N0= Nickel 60-120µinch | | | TR= Tape Reel |

6 POGO PIN with Plastic

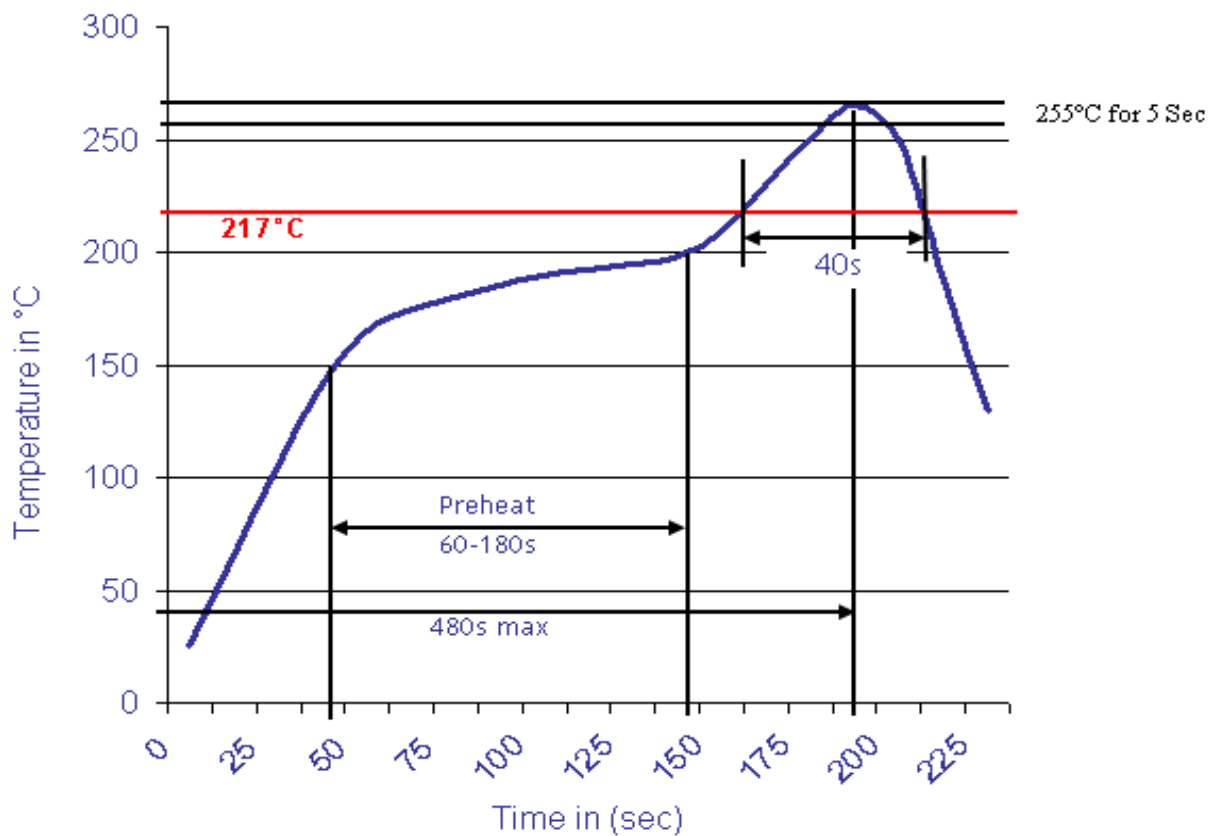
Part No.: **TA23B7045**

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



Soldering Profile Curve

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



6 POGO PIN with Plastic

Part No.: **TA23B7045**

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