

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: 3,4~3,7mm
 Elastic: 85 ±15gr

Lifetime: more than 10000 times

3 Electrical Performance:

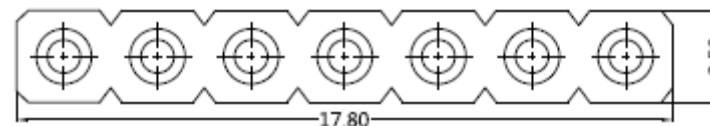
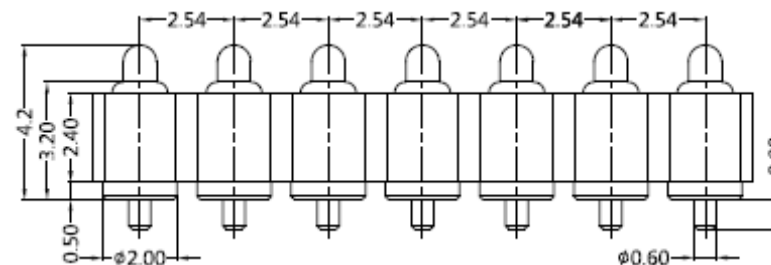
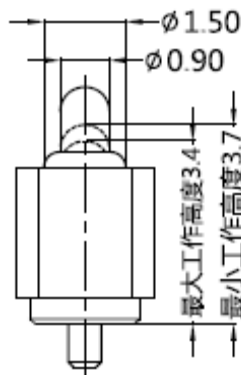
4 Isolation Resistance: 500M Ohm min.
 Withstanding Voltage: 500VAC/DC
 Max. Rated Voltage: 36VDC dynamic range of work with impedance less than

Contact Resistance: <30m Ohm

Rated current: 2,5A

5 Packing Specification:

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



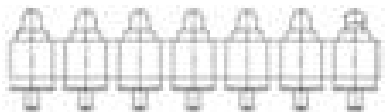
THT 7 POGO PIN with Plastic

Part No.: TA23C7003

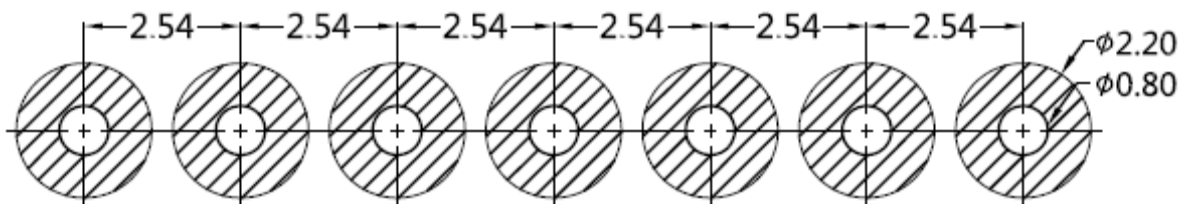
Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 08.12.2017 |
| 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 | | |
|------------------|--------------------|---------------|-----------------|--------------------|----------------------|------------------|----------|-----------|--|--|
| TA23C7003 | 07 | A | A | G0 | G0 | N | R | BU | | |

| | | | | | | | |
|----------------------|---------------------------|---------------------------|------------------------------------|---------------------------------|------------------------|-------------------------|--------------------------------|
| 07 = 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 | | | | | |
| | | | NO = Nickel 60-120µinch | NO = Nickel 60-120µinch | | | TU = Tube Packing |

**THT 7 POGO PIN
with Plastic**
Part No.: **TA23C7003**

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| 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)



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|--|
| THT 7 POGO PIN with Plastic |
| Part No.: TA23C7003 |
| Customer: |

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