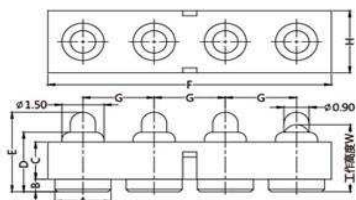


EDCON-COMPONENTS



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 |

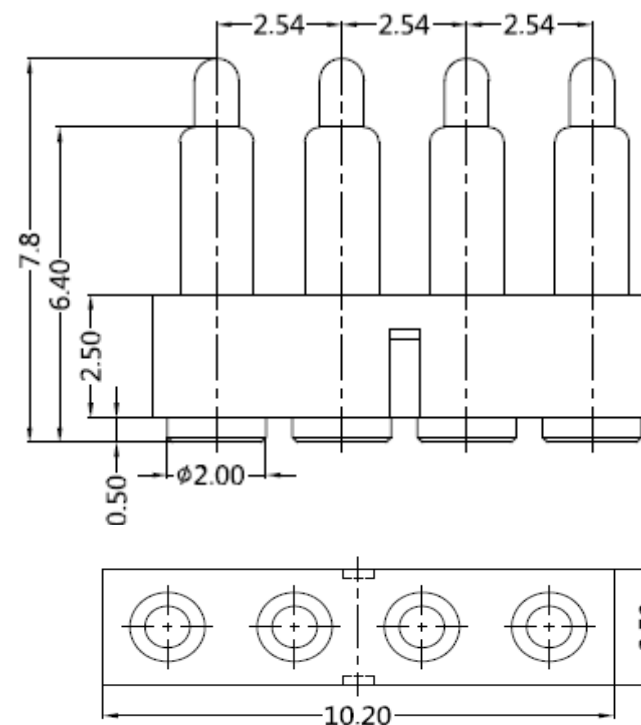
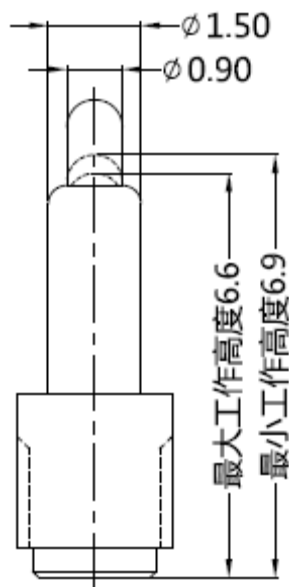
2 Mechanical Properties

| | |
|-----------------|-----------|
| Pitch: | 2,54mm |
| Working height: | 6,6~6,9mm |
| Elastic: | 100±20gr |

Lifetime: more than 10000 times

3 Electrical Performance:

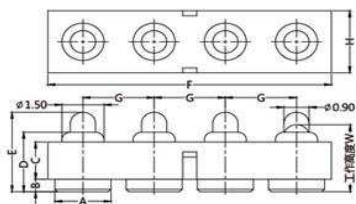
| | |
|-------------------------------|--|
| 4 Isolation Resistance: | 500M Ohm min. |
| Withstanding Voltage: | 500VAC/DC |
| Max. Rated Voltage: | 36VDC dynamic range of work with impedance less than |
| Contact Resistance: | <30m Ohm |
| Rated current: | 2,5A |
| 5 Packing Specification: | EIA 481 |
| 6 Max. Soldering Temperature: | 260°C |
| Operating Temperature: | -.40°C to +85°C |



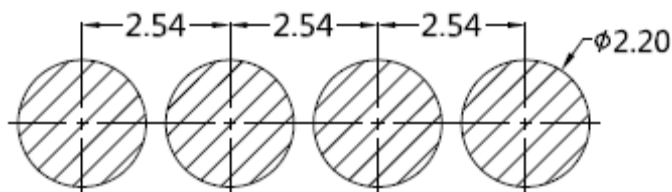
| | | | | | | | | | |
|--|--|--|--|-----------|--------|--------|------------|--------------------------------|--|
| | | | | Tolerance | | | | 4 POGO PIN with Plastic | |
| | | | | 0. | 0.0 | 0.00 | 0.000 | | |
| | | | | ± - | ± 0,30 | ± 0,15 | ± - | Customer: | |
| | | | | TOLERANCE | Mason | DATE | 05.12.2017 | | |

| | | | | | |
|-------|--------|------|--------|--------|--------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson |
| APPD: | Schumi | | | FINISH | Jamy |

EDCON-COMPONENTS



PCB Layout (mm)



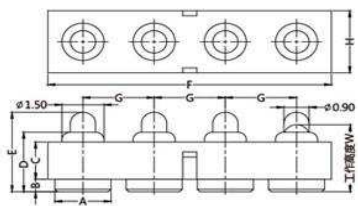
Ordering Informations

| Serie | Number of Position | Material Body | Material Needle | Contact Plat. Body | Contact Plat. Needle | Spezial Function | ROHS | Packing | | |
|-----------|--------------------|---------------|-----------------|--------------------|----------------------|------------------|------|---------|--|--|
| TA23B5042 | 04 | A | A | G0 | G0 | N | R | BU | | |

| | | | | | | | |
|--------------|-------------------|-------------------|----------------------------|-------------------------|----------------|-----------------|------------------------|
| 04= 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 |

4 POGO PIN with Plastic
Part No.: TA23B5042

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 05.12.2017 | Customer: |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 2 from 3 | | |



Soldering Profile Curve

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



4 POGO PIN with Plastic

Part No.: **TA23B5042**

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 05.12.2017 | Customer: |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 3 from 3 | | |