

# 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: 2,54mm  
 Working height: 4,2~4,5mm  
 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

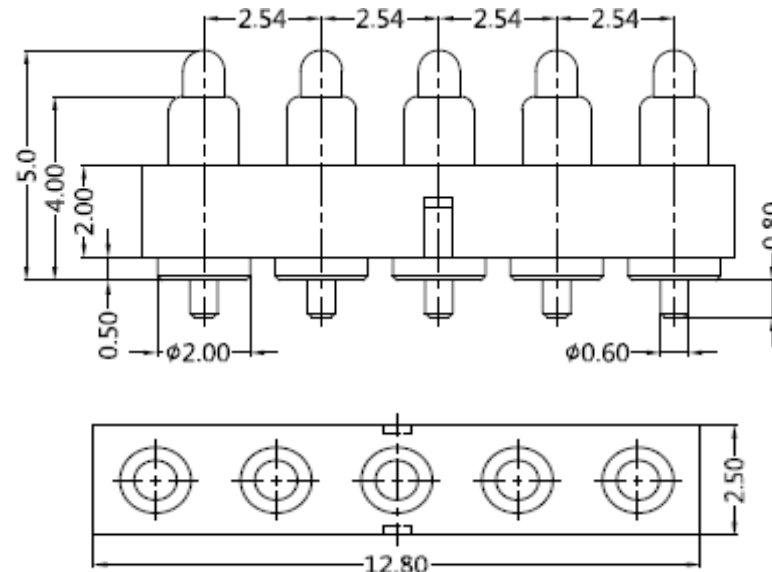
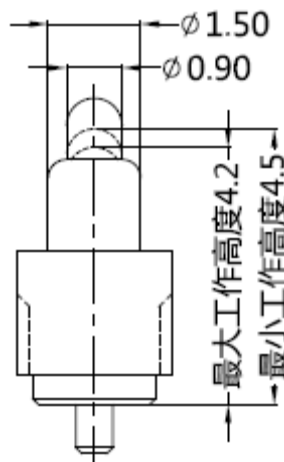
Contact Resistance: <30m Ohm

Rated current: 2,5A

### 5 Packing Specification:

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

## Drawing



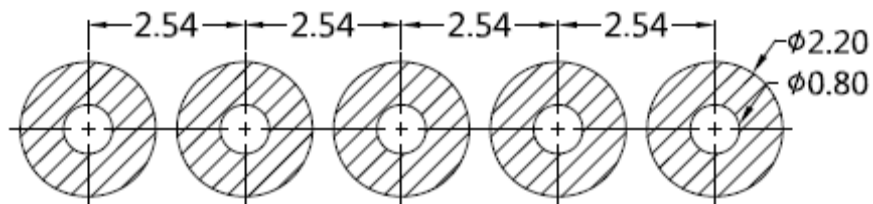
Tolerance				<b>THT 5 POGO PIN with Plastic</b>
0.	0.0	0.00	0.000	
± -	± 0,30	± 0,15	± -	Part No.: <b>TA23C5012</b>
DRW: Jason	CHKD: Wilson	MATL: Wilson	TOLERANCE: Mason	DATE: 08.12.2017
APPD: Schumi	FINISH: Jamy		Sheet No.	1 from 3

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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		
TA23C5012	05	A	A	G0	G0	N	R	BU		

05= 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 5 POGO PIN  
with Plastic**  
Part No.: TA23C5012

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Soldering Profile Curve

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



<b>THT 5 POGO PIN with Plastic</b>
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