

# 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: 3,8~4,1mm  
 Elastic: 85 ±15gr

Lifetime: more than 10000 times

### 3 Electrical Performance:

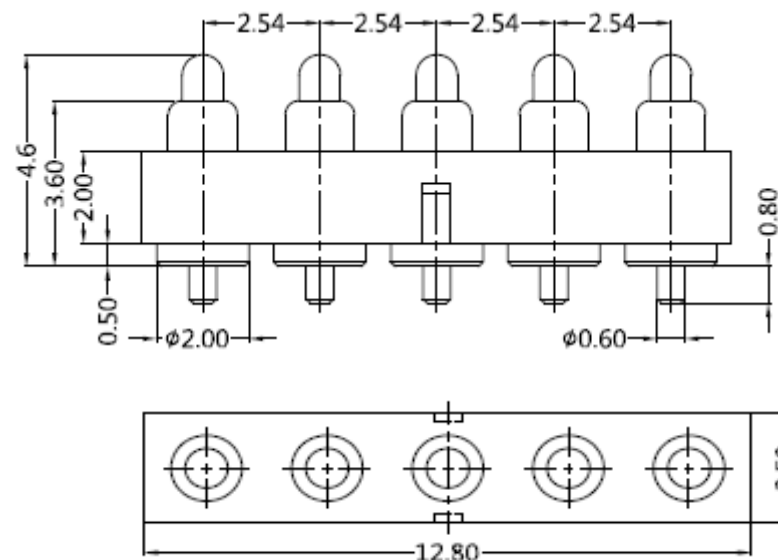
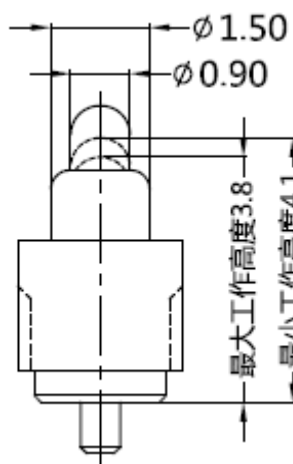
4 Isolation Resistance: 500M Ohm min.  
 Withstanding Voltage: 500VAC/DC  
 Max. Rated Voltage: 36VDC dynamic range of work with impedance less than

Contact Resistance: <30m Ohm

Rated current: 2,5A

### 5 Packing Specification: EIA 481

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



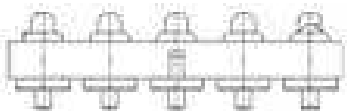
## THT 5 POGO PIN with Plastic

Part No.: TA23C5010

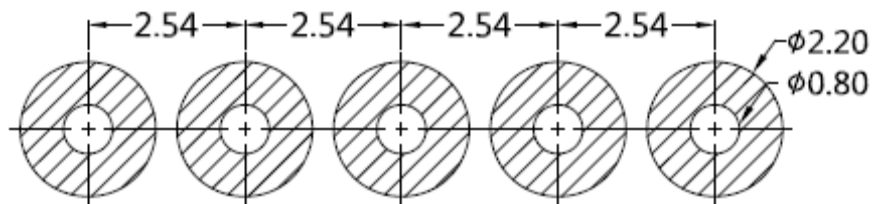
Customer:

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)



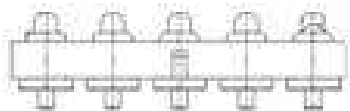
## Ordering Informations

Serie	Number of Position	Material Body	Material Needle	Contact Plat. Body	Contact Plat. Needle	Spezial Function	ROHS	Packing		
TA23C5010	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**  
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Soldering Profile Curve

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



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