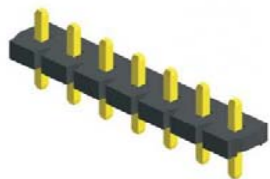


# EDCON-COMPONENTS



**Contact**



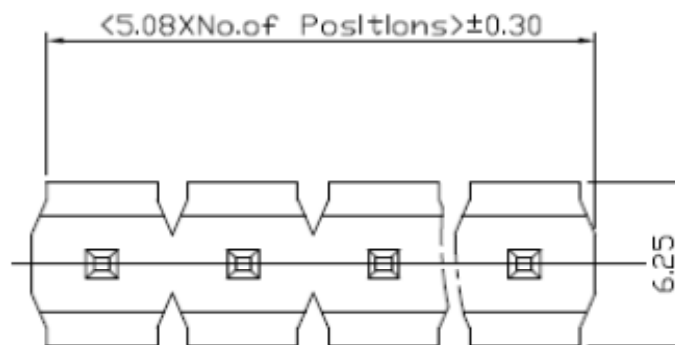
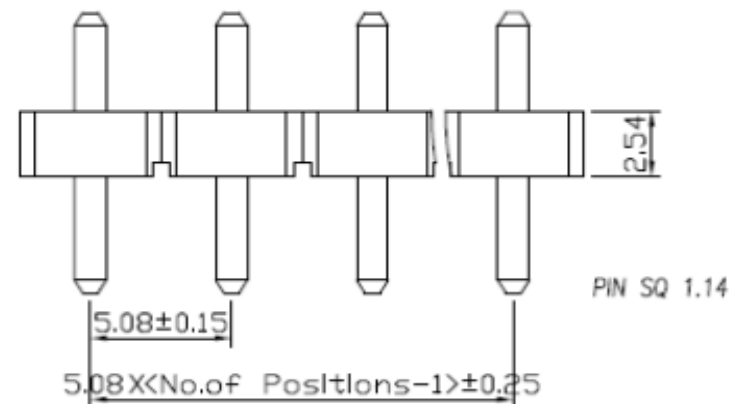
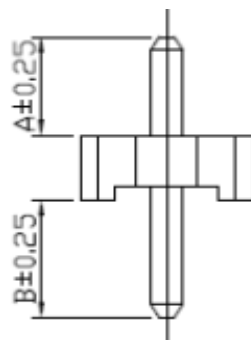
## Specifications

Current Rating:	7,9 Ampere
Insulator Resistance:	1000 Megaohm min.
Contact Resistance:	20m Ohm max.
Dielectric Withstanding:	AC 1000V
Operating Temperature:	.-40°C to +105°C
Contact Material:	Brass
Insulator Material:	Polyester / LCP or Equivalent Mat
Contact:	Three Finger Power Contact
Contact Plating:	Tin, Gold or Selective Plated
Standard:	Gold Flash / Tin plated

## P.C.B Layout



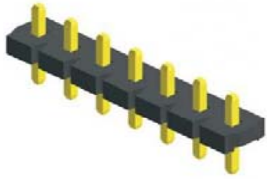
## Drawing



<b>THT Pin Header Pitch 5,08mm</b>	
Part No.:	<b>T51G1001-</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.04.2019
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

# EDCON-COMPONENTS



**Contact**



## Pin Code length table free configuration

Order Code	Dimension (mm)		
	A	B	TL
A01	3,50	2,50	8,54
A02	21,00	3,00	26,54
A03	21,00	4,30	27,84
A04			
A05			
A06			
A07			
A08			
A09			
A10			
A11			
A12			
A13			
A14			
A15			
A16			
A17			
A18			
A19			
A20			
A21			
A22			

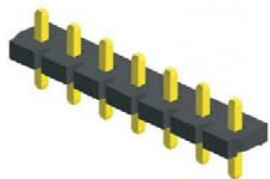
Order Code	Dimension (mm)		
	A	B	H
A23			
A24			
A25			
A26			
A27			
A28			
A29			
A30			
A31			
A32			
A33			
A34			
A35			
A36			
A37			
A38			
A39			
A40			
A41			
A42			
A43			
A44			

Ambient Temp	Current Rating	
	2Pin	4Pin
20°C	25A	22A
40°C	24A	19A
60°C	17A	15,5A
75°C	14,40	12,7A
105°C	7,90	7,90

<b>THT Pin Header Pitch 5,08mm</b>	
Part No.:	<b>T51G1001-</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.04.2019
APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 4

# EDCON-COMPONENTS



**Contact**



## Ordering Informations

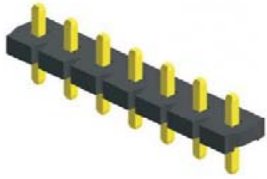
Serie	No. of Pos.	Construction	Contact Plating	Material	Special function	Pin Length Code	ROHS	Packing		
<b>T51G1001-</b>	<b>XX</b>	<b>ST</b>	<b>G0</b>	<b>LC</b>	<b>N</b>	<b>A01</b>	<b>R</b>	<b>BU</b>		

<b>XX=</b> Total Pin 02 ~ 24	<b>ST=</b> Straight THT	<b>G0=</b> Gold Flash (Standard)	<b>PB=</b> P.B.T	<b>N=</b> no function	siehe Table No. 1	<b>N=</b> NO ROHS conform	<b>BU=</b> Bulk (Standard)
		<b>T0=</b> Tin plated	<b>NY=</b> Nylon-6T			<b>R=</b> ROHS conform	<b>TU=</b> Tube w/o Cap
		<b>GA=</b> 10µ Gold Plating	<b>LC=</b> LCP				<b>TC=</b> Tube w. pic and Place Cap
		<b>GB=</b> 15µ Gold Plating					<b>TY=</b> Tray packing w/o Cap
		<b>GC=</b> 20µ Gold Plating					<b>TR=</b> Tape/Reel w. pic and Place Cap
		<b>S0=</b> Selectiv Plating Gold Flash / Tin					
		<b>TN=</b> Tin Plated					

<b>THT Pin Header Pitch 5,08mm</b>
Part No.: <b>T51G1001-</b>
Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.04.2019
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

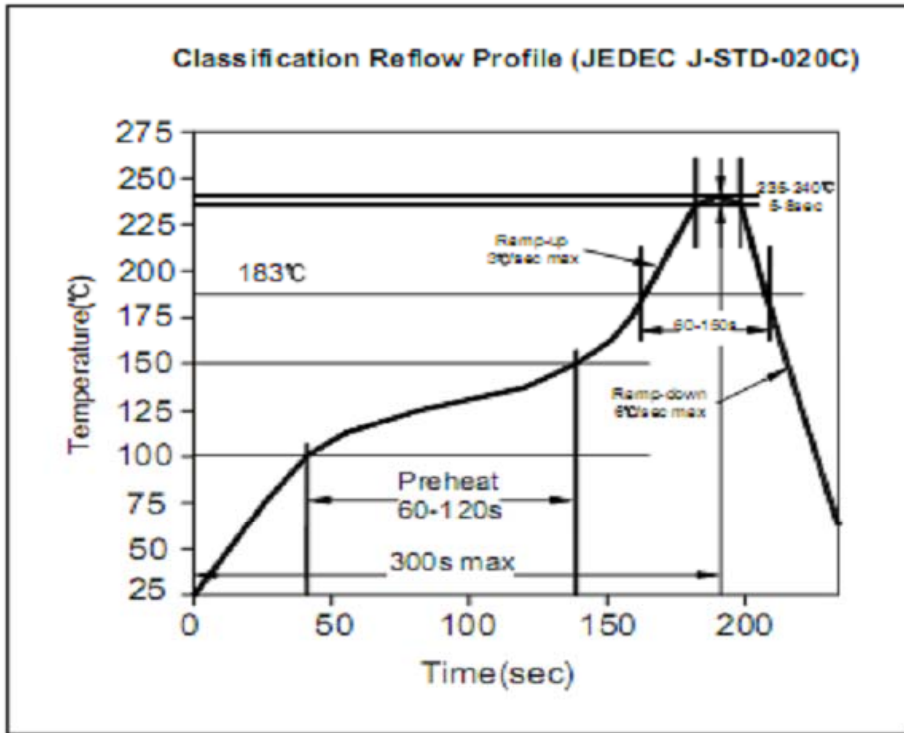
# EDCON-COMPONENTS



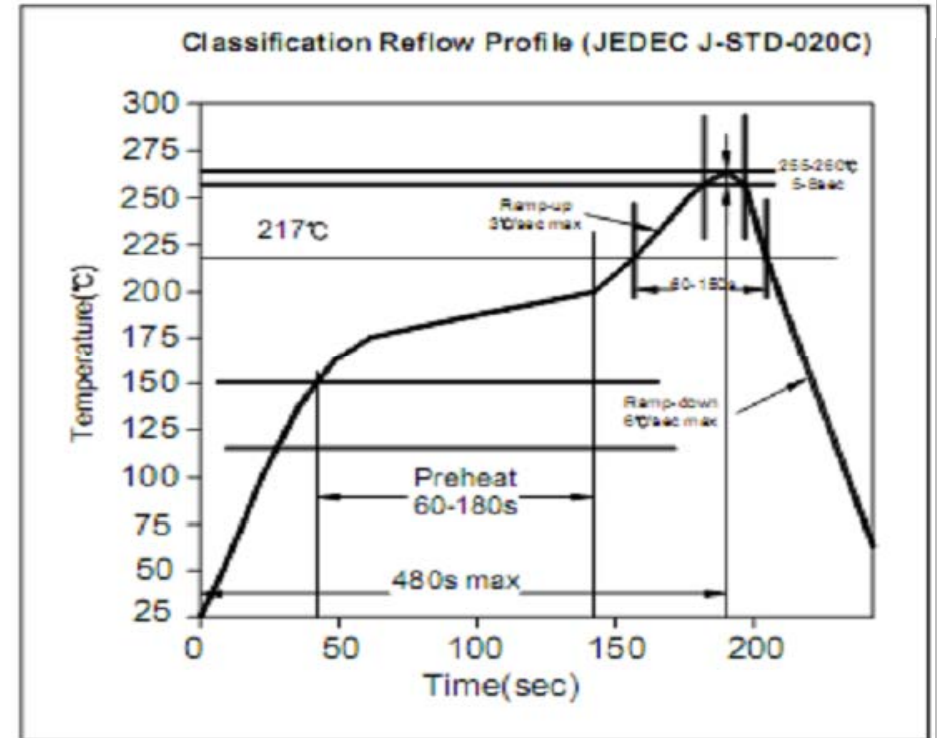
**Contact**



## Soldering Profile for Lead Soldering ( P.B.T. )



## Soldering Profile for Lead Free Soldering ( Nylon 6T )



<b>THT Pin Header Pitch 5,08mm</b>	
Part No.:	<b>T51G1001-</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.04.2019
APPD:	Schumi			FINISH	Jamy		Sheet No.		4 from 4

[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)