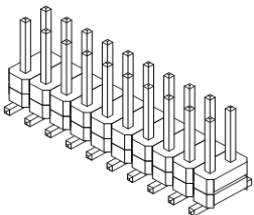


# EDCON-COMPONENTS



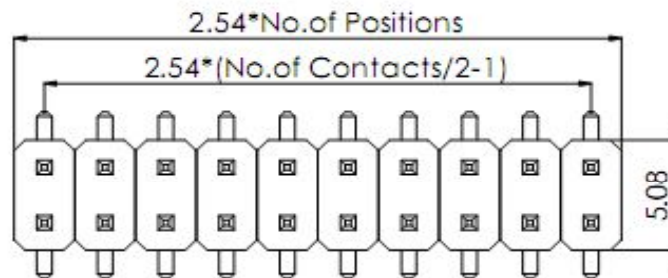
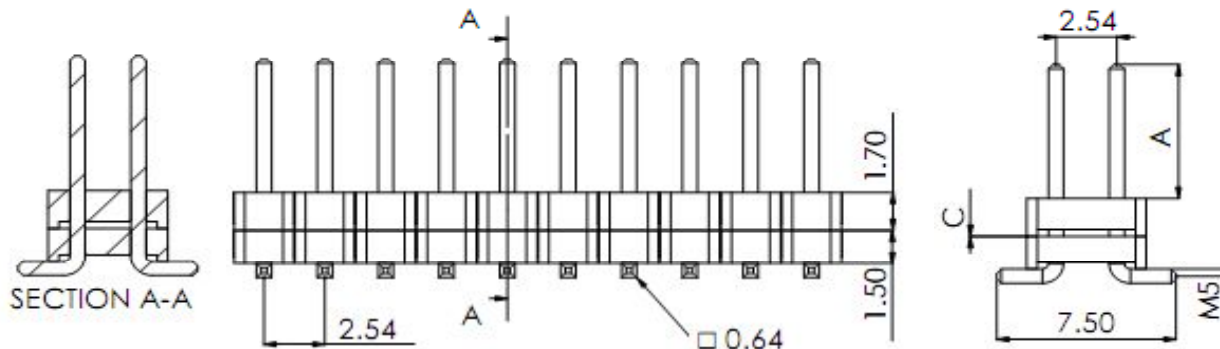
## Specifications

Current Rating:	3 Ampere
Insulator Resistance:	5000 Megaohm min.
Dielectric Withstanding:	AC 1000V
Operating Temperature:	.-40°C to +105°C
Contact Material:	Copper, Alloy
Insulator Material:	Polyester, UL 94V-0
Standard:	P.B.T.
Contact Plating:	Tin, Gold or Selective Plated
Standard:	Gold Flash Overall
Selectiv Plating:	Gold flash plated on contact area / tin plated on solder area
Max. Prozessing Temp.	230°C for 60 seconds

## P.C.B Layout



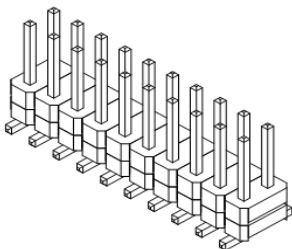
## Drawing ( dimensions all into mm)



PIN Header / Dual Row / Dual Body / Pitch 2,54mm	
Part No.:	<b>T51A1042-</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.04.2023
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

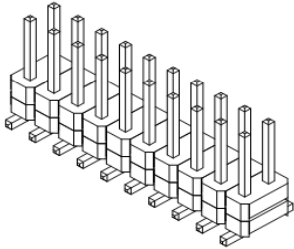
# EDCON-COMPONENTS



## Pin Code length table free configuration

Order	Dimension (mm)				Order	Dimension (mm)				Order	Dimension (mm)				Order	Dimension (mm)			
Code	A	C	M5	TH	Code	A	C	M5	TH	Code	A	C	M5	TH	Code	A	C	M5	TH
A01	6,00	0,00	0,32	9,84	A28	3,50	3,00	0,00	10,02	A55	3,50	7,00	0,00	14,02	A82				3,52
A02	6,00	0,00	0,00	9,52	A29	3,00	3,00	0,00	9,52	A56	3,00	7,00	0,00	13,52	A83				3,52
A03	5,50	0,00	0,00	9,02	A30	6,00	4,00	0,00	13,52	A57	6,00	8,00	0,00	17,52	A84				3,52
A04	5,00	0,00	0,00	8,52	A31	5,50	4,00	0,00	13,02	A58	5,50	8,00	0,00	17,02	A85				3,52
A05	4,50	0,00	0,00	8,02	A32	5,00	4,00	0,00	12,52	A59	5,00	8,00	0,00	16,52	A86				3,52
A06	4,00	0,00	0,00	7,52	A33	4,50	4,00	0,00	12,02	A60	4,50	8,00	0,00	16,02	A87				3,52
A07	3,50	0,00	0,00	7,02	A34	4,00	4,00	0,00	11,52	A61	4,00	8,00	0,00	15,52	A88				3,52
A08	3,00	0,00	0,00	6,52	A35	3,50	4,00	0,00	11,02	A62	3,50	8,00	0,00	15,02	A89				3,52
A09	6,00	1,00	0,00	10,52	A36	3,00	4,00	0,00	10,52	A63	3,00	8,00	0,00	14,52	A90				3,52
A10	5,50	1,00	0,00	10,02	A37	6,00	5,00	0,00	14,52	A64	6,00	9,00	0,00	18,52	A91				3,52
A11	5,00	1,00	0,00	9,52	A38	5,50	5,00	0,00	14,02	A65	5,50	9,00	0,00	18,02	A92				3,52
A12	4,50	1,00	0,00	9,02	A39	5,00	5,00	0,00	13,52	A66	5,00	9,00	0,00	17,52	A93				3,52
A13	4,00	1,00	0,00	8,52	A40	4,50	5,00	0,00	13,02	A67	4,50	9,00	0,00	17,02	A94				3,52
A14	3,50	1,00	0,00	8,02	A41	4,00	5,00	0,00	12,52	A68	4,00	9,00	0,00	16,52	A95				3,52
A15	3,00	1,00	0,00	7,52	A42	3,50	5,00	0,00	12,02	A69	3,50	9,00	0,00	16,02	A96				3,52
A16	6,00	2,00	0,00	11,52	A43	3,00	5,00	0,00	11,52	A70	3,00	9,00	0,00	15,52	A97				3,52
A17	5,50	2,00	0,00	11,02	A44	6,00	6,00	0,00	15,52	A71	6,00	10,00	0,00	19,52	A98				3,52
A18	5,00	2,00	0,00	10,52	A45	5,50	6,00	0,00	15,02	A72	5,50	10,00	0,00	19,02	A99				3,52
A19	4,50	2,00	0,00	10,02	A46	5,00	6,00	0,00	14,52	A73	5,00	10,00	0,00	18,52	B00				3,52
A20	4,00	2,00	0,00	9,52	A47	4,50	6,00	0,00	14,02	A74	4,50	10,00	0,00	18,02	B01				3,52
A21	3,50	2,00	0,00	9,02	A48	4,00	6,00	0,00	13,52	A75	4,00	10,00	0,00	17,52	B02				3,52
A22	3,00	2,00	0,00	8,52	A49	3,50	6,00	0,00	13,02	A76	3,50	10,00	0,00	17,02	B03				3,52
A23	6,00	3,00	0,00	12,52	A50	3,00	6,00	0,00	12,52	A77	3,00	10,00	0,00	16,52	B04				3,52
A24	5,50	3,00	0,00	12,02	A51	6,00	7,00	0,00	16,52	A78				3,52	PIN Header / Dual Row / Dual Body / Pitch 2,54mm				
A25	5,00	3,00	0,00	11,52	A52	5,50	7,00	0,00	16,02	A79				3,52					
A26	4,50	3,00	0,00	11,02	A53	5,00	7,00	0,00	15,52	A80				3,52	Part No.: <b>T51A1042-</b>				
A27	4,00	3,00	0,00	10,52	A54	4,50	7,00	0,00	15,02	A81				3,52					
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.04.2023	Customer:									
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 4											

# EDCON-COMPONENTS



## Ordering Informations

Serie	No. of Pos.	Construction	Contact Plating	Material	Polarisation Peg	Pin Length Code	ROHS	Packing		
<b>T51A1042-</b>	<b>XX</b>	<b>SS</b>	<b>G0</b>	<b>PB</b>	<b>N</b>	<b>A01</b>	<b>R</b>	<b>BU</b>		

<b>XX</b> = total pin of header	<b>SS</b> = straight SMT	<b>G0</b> = Gold Flash (Standard)	<b>PB</b> =P.B.T (Standard)	<b>N</b> = No	look table page 2	<b>N</b> =NO ROHS	<b>BU</b> = Bulk (Standard)
		<b>T0</b> = Tin plated	<b>PY</b> = Polyester UL94V-0			<b>R</b> =ROHS conform	<b>TU</b> = Tube w/o Cap
		<b>GA</b> = 10µ Gold Plating	<b>NY</b> = Nylon-6T				<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					

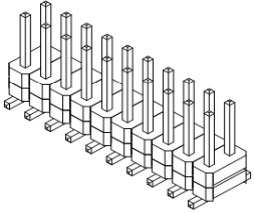
PIN Header / Dual Row / Dual Body / Pitch 2,54mm
Part No.: <b>T51A1042-</b>
Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.04.2023
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

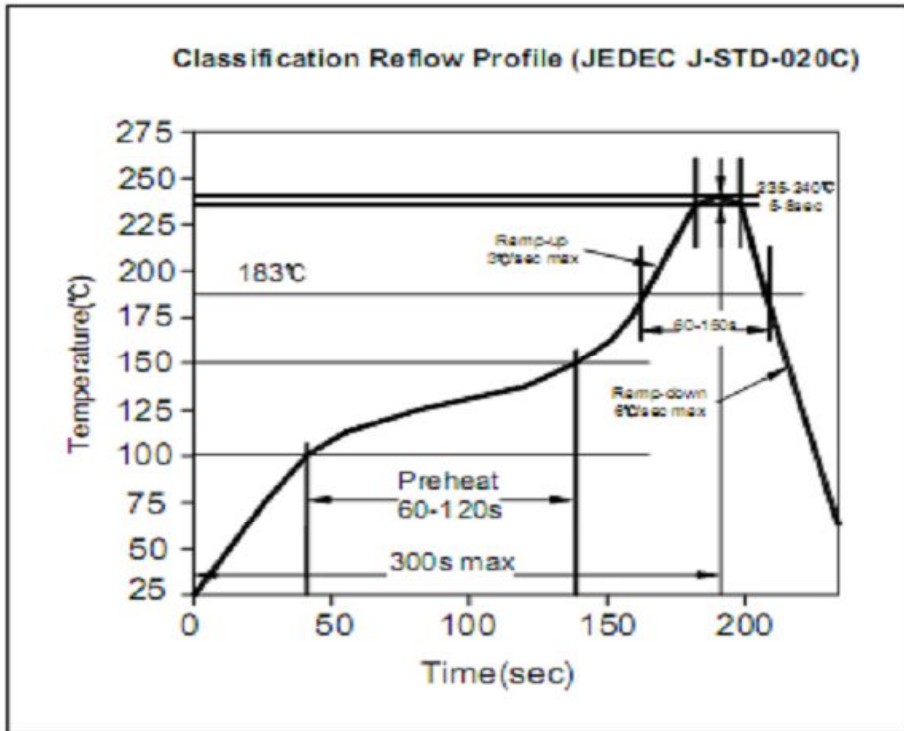
[www.edcon-components.com](http://www.edcon-components.com)

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

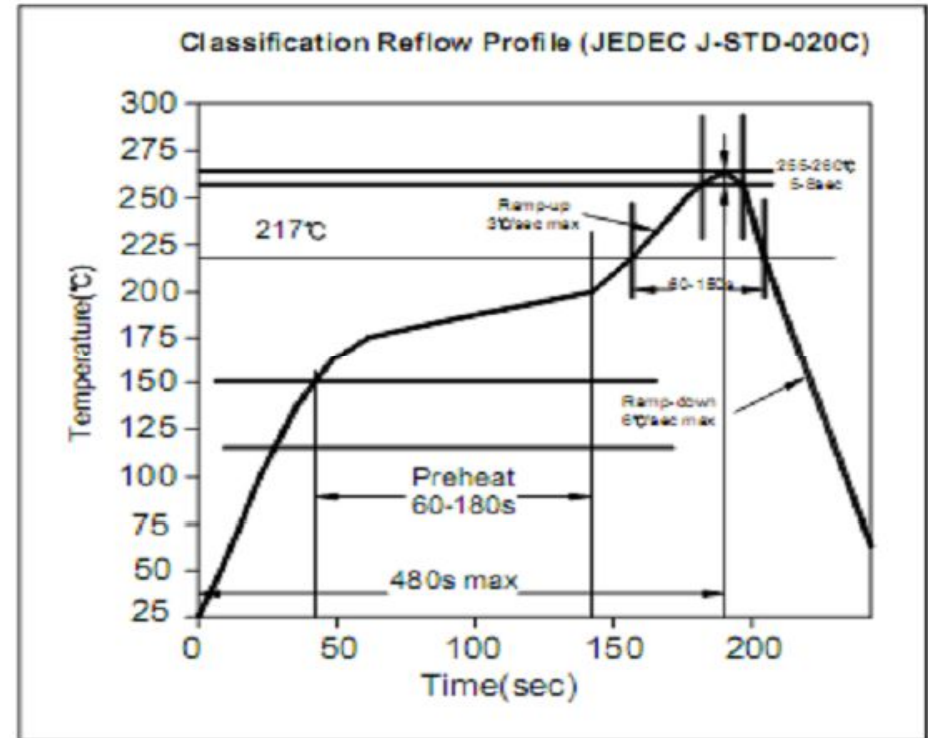
# EDCON-COMPONENTS



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



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



PIN Header / Dual Row / Dual Body / Pitch 2,54mm	
Part No.:	<b>T51A1042-</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.04.2023
APPD:	Schumi			FINISH	Jamy		Sheet No.		4 from 4

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