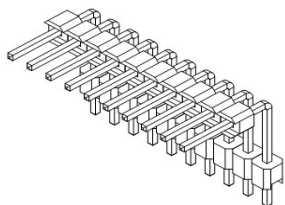


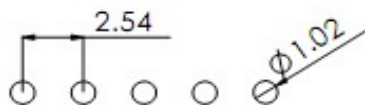
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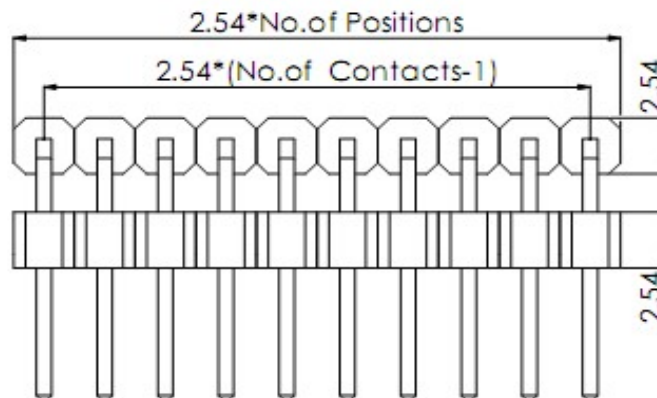
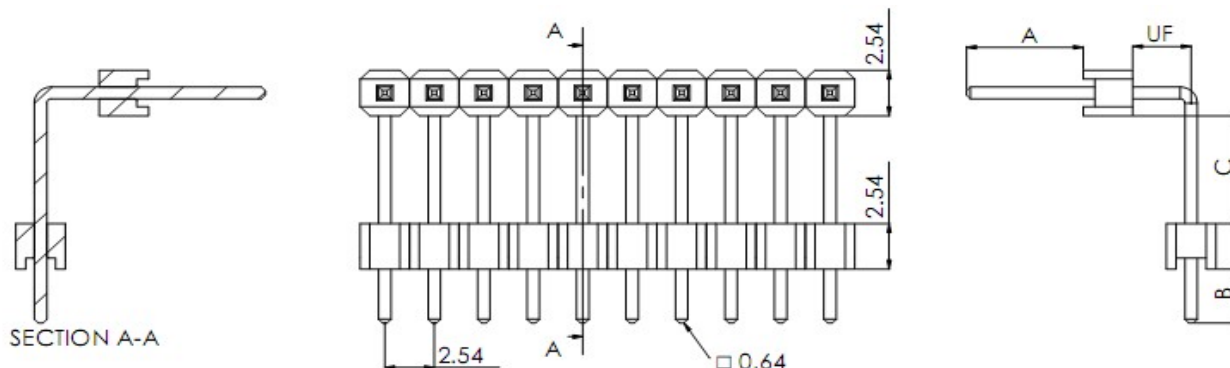
Specifications

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. Processing Temp.	230°C for 60 seconds

P.C.B Layout



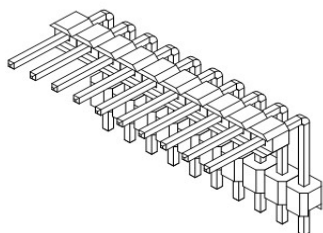
Drawing (dimensions all into mm)



PIN Header / Single Row / Dual Body / Pitch 2,54mm	
Part No.:	T51A1012-
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	01.02.2023
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

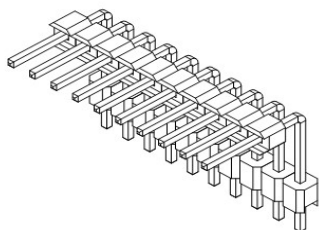
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Pin Code length table free configuration

Order Code	Dimension (mm)				Order Code	Dimension (mm)				Order Code	Dimension (mm)				Order Code	Dimension (mm)			
	A	B	C	UF		A	B	C	UF		A	B	C	UF		A	B	C	UF
A01	6,00	3,00	6,00	3,00	A28	8,00	3,00	5,00	3,00	A55	11,00	3,00	4,00	3,00	A82				
A02	4,80	3,30	4,90	1,40	A29	8,50	3,00	5,00	3,00	A56	11,50	3,00	4,00	3,00	A83				
A03	5,50	3,30	4,90	1,40	A30	9,00	3,00	5,00	3,00	A57	12,00	3,00	4,00	3,00	A84				
A04	6,50	3,00	6,00	3,00	A31	9,50	3,00	5,00	3,00	A58	12,50	3,00	4,00	3,00	A85				
A05	7,00	3,00	6,00	3,00	A32	10,00	3,00	5,00	3,00	A59	13,00	3,00	4,00	3,00	A86				
A06	7,50	3,00	6,00	3,00	A33	10,50	3,00	5,00	3,00	A60	13,50	3,00	4,00	3,00	A87				
A07	8,00	3,00	6,00	3,00	A34	11,00	3,00	5,00	3,00	A61	14,00	3,00	4,00	3,00	A88				
A08	8,50	3,00	6,00	3,00	A35	11,50	3,00	5,00	3,00	A62	6,00	3,00	7,00	3,00	A89				
A09	9,00	3,00	6,00	3,00	A36	12,00	3,00	5,00	3,00	A63	6,00	3,00	8,00	3,00	A90				
A10	9,50	3,00	6,00	3,00	A37	12,50	3,00	5,00	3,00	A64	6,00	3,00	9,00	3,00	A91				
A11	10,00	3,00	6,00	3,00	A38	13,00	3,00	5,00	3,00	A65	6,00	3,00	10,00	3,00	A92				
A12	10,50	3,00	6,00	3,00	A39	13,50	3,00	5,00	3,00	A66	6,00	3,00	11,00	3,00	A93				
A13	11,00	3,00	6,00	3,00	A40	14,00	3,00	5,00	3,00	A67	6,00	3,00	12,00	3,00	A94				
A14	11,50	3,00	6,00	3,00	A41	4,00	3,00	4,00	3,00	A68	6,00	3,00	13,00	3,00	A95				
A15	12,00	3,00	6,00	3,00	A42	4,50	3,00	4,00	3,00	A69	6,00	3,00	14,00	3,00	A96				
A16	12,50	3,00	6,00	3,00	A43	5,00	3,00	4,00	3,00	A70	6,00	3,00	15,00	3,00	A97				
A17	13,00	3,00	6,00	3,00	A44	5,50	3,00	4,00	3,00	A71					A98				
A18	13,50	3,00	6,00	3,00	A45	6,00	3,00	4,00	3,00	A72					A99				
A19	14,00	3,00	6,00	3,00	A46	6,50	3,00	4,00	3,00	A73					B01				
A20	4,00	3,00	5,00	3,00	A47	7,00	3,00	4,00	3,00	A74					B02				
A21	4,50	3,00	5,00	3,00	A48	7,50	3,00	4,00	3,00	A75					B03				
A22	5,00	3,00	5,00	3,00	A49	8,00	3,00	4,00	3,00	A76					B04				
A23	5,50	3,00	5,00	3,00	A50	8,50	3,00	4,00	3,00	A77					B05				
A24	6,00	3,00	5,00	3,00	A51	9,00	3,00	4,00	3,00	A78									
A25	6,50	3,00	5,00	3,00	A52	9,50	3,00	4,00	3,00	A79									
A26	7,00	3,00	5,00	3,00	A53	10,00	3,00	4,00	3,00	A80									
A27	7,50	3,00	5,00	3,00	A54	10,50	3,00	4,00	3,00	A81									
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	01.02.2023	PIN Header / Single Row / Dual Body / Pitch 2,54mm									
APPD:	Schumi			FINISH	Jamy			Sheet No.	2 from 5	Part No.: T51A1012-									
										Customer:									

EDCON-COMPONENTS



Ordering Informations

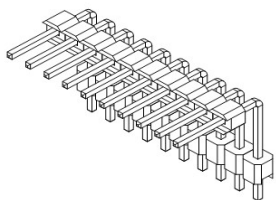
Serie	No. of Pos.	Construction	Contact Plating	Material	Polarisation Peg	Pin Length Code	ROHS	Packing	Special Construction
T51A1012-	XX	RT	G0	PB	N	A01	R	BU	A

XX = total pin of header	RT = right angle THT	G0 = Gold Flash (Standard)	PB =P.B.T (Standard)	N = No	look table page 2	N =NO ROHS conform	BU = Bulk (Standard)	A = Please look Page 5 for Special Construction of Pin Header
T0 = Tin plated	PY = Polyester UL94V-0	R =ROHS conform	TU = Tube w/o Cap					
GA = 10µ Gold Plating	NY = Nylon-6T		TC = Tube w. pic and Place Cap					
GB = 15µ Gold Plating			TY = Tray packing w/o Cap					
GC = 20µ Gold Plating			TR = Tape/Reel w. pic and Place Cap					
S0 = Selectiv Plating Gold Flash / Tin								
TN = Tin Plated								

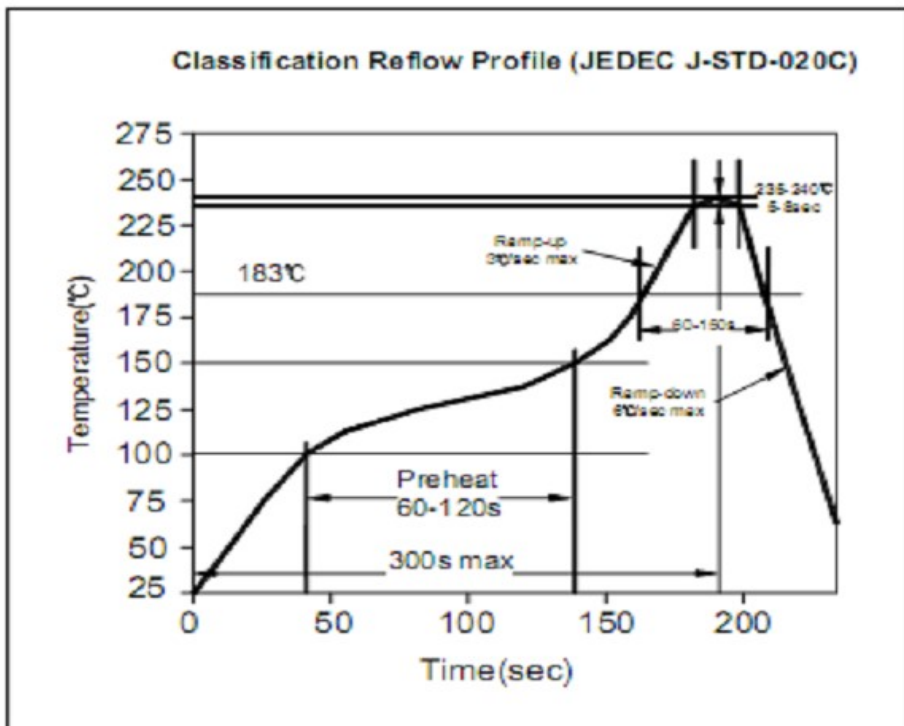
PIN Header / Single Row / Dual Body / Pitch 2,54mm
Part No.: T51A1012-
Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	01.02.2023
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 5

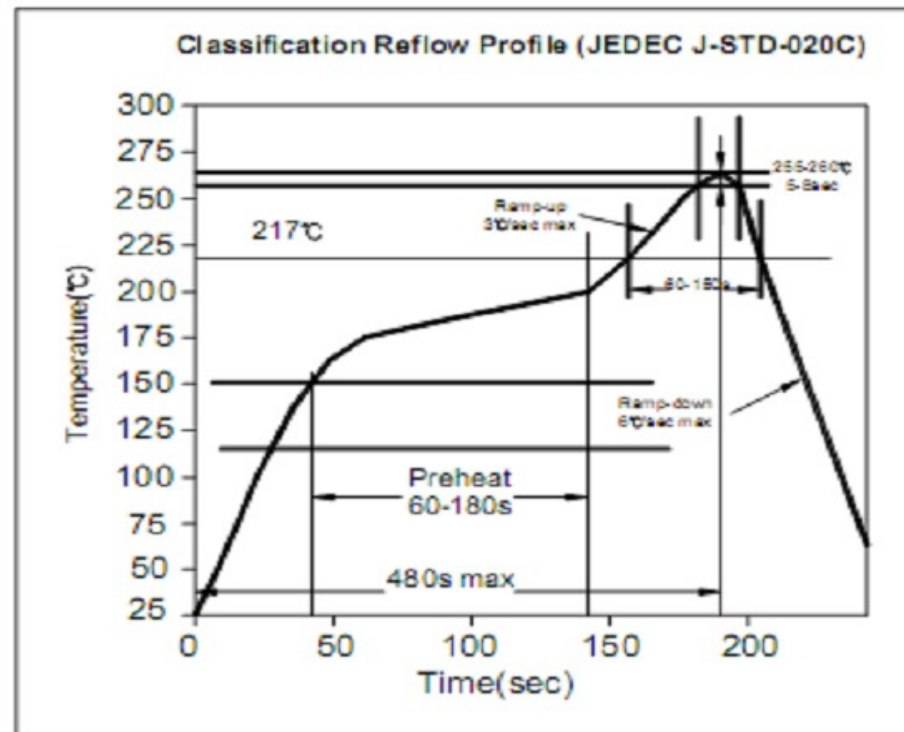
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Soldering Profile for Lead Soldering (P.B.T.)



Soldering Profile for Lead Free Soldering (Nylon 6T)



PIN Header / Single Row / Dual Body / Pitch 2,54mm

Part No.: **T51A1012-**

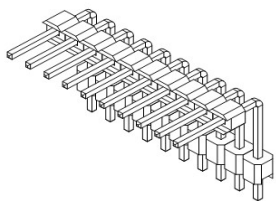
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APPD:	Schumi			FINISH	Jamy		Sheet No.		4 from 5

Customer:

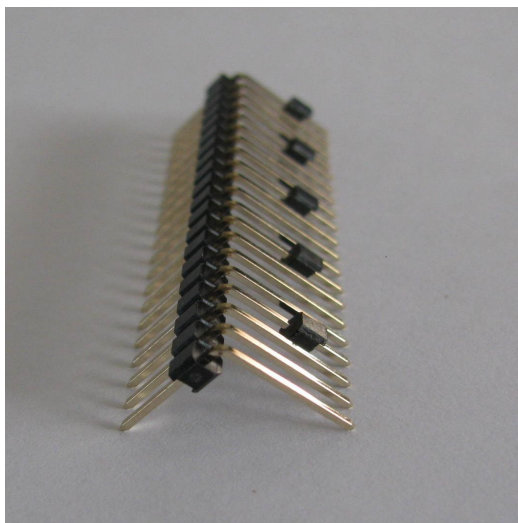
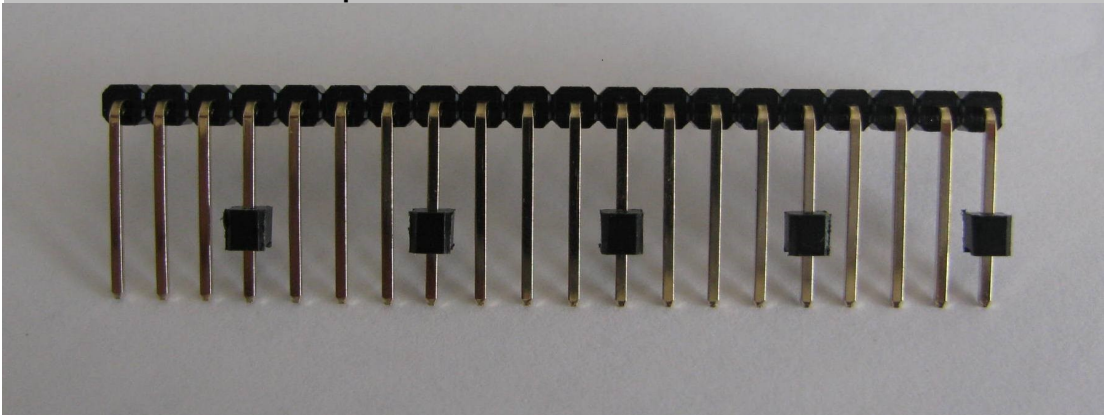
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Speical Contrction A of Pin Header



PIN Header / Single Row / Dual Body / Pitch 2,54mm	
Part No.:	T51A1012-
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	01.02.2023
APPD:	Schumi			FINISH	Jamy		Sheet No.		5 from 5

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