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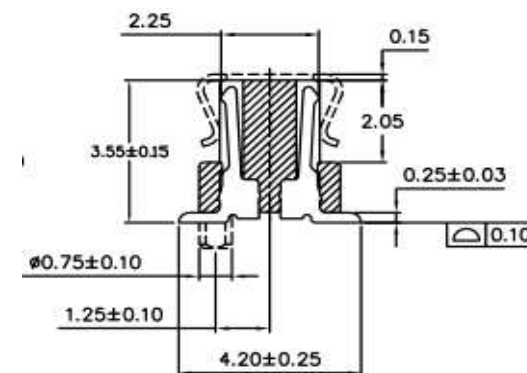
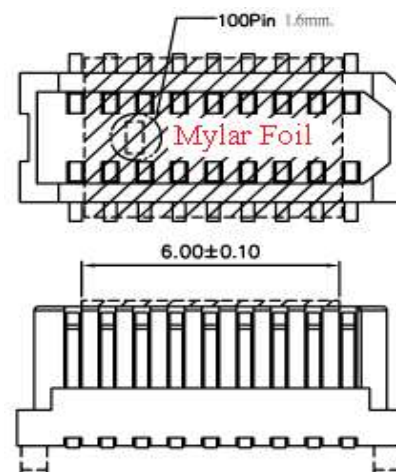
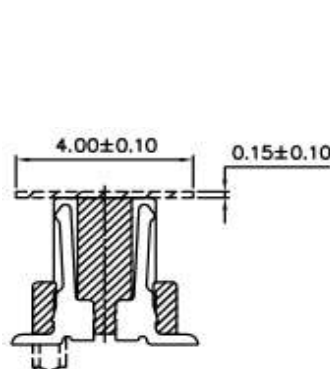
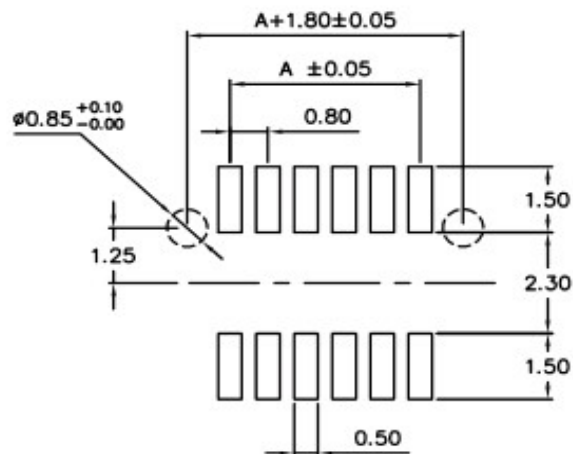
Contact



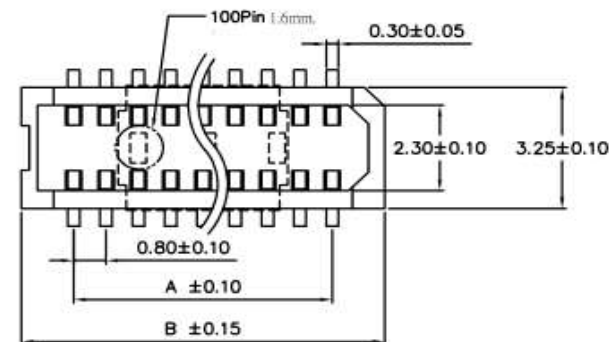
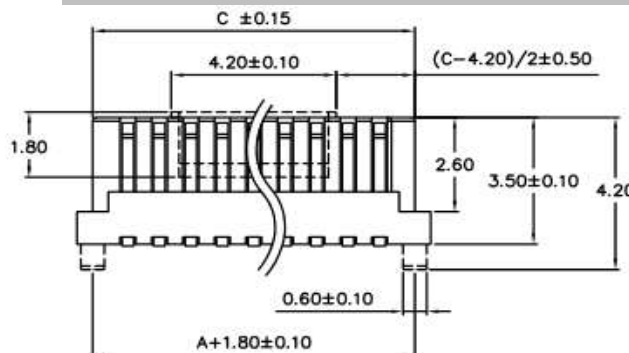
Specifications

Current Rating:	0,5 Ampere
Insulator Resistance:	5000 Megaohm min.
Dielectric Withstanding:	AC 500V
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 (mm)



**BTB Plug Connector /
Pitch 0,80mm**

Part No.: **T51E006**

Customer:

DRW:	Jason	CHKD:	Wilson	MATL:	Wilson	TOLERANCE:	Mason	DATE:	16.02.2025	1 from 4
APPD:	Schumi			FINISH:	Jamy			Sheet No.		

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Dimension off Position (mm)

Order Code	Dimension (mm)			
	A	B	C	
8	2,40	4,95	3,95	
10	3,20	5,75	4,75	
12	4,00	6,55	5,55	
14	4,80	7,35	6,35	
16	5,60	8,15	7,15	
18	6,40	8,95	7,95	
20	7,20	9,75	8,75	
22	8,00	10,55	9,55	
24	8,80	11,35	10,35	
26	9,60	12,15	11,15	
28	10,40	12,95	11,95	
30	11,20	13,75	12,75	
32	12,00	14,55	13,55	
34	12,80	15,35	14,35	
36	13,60	16,15	15,15	
40	15,20	17,75	16,75	
42	16,00	18,55	17,55	
44	16,80	19,35	18,35	
50	19,20	21,75	20,75	
60	23,20	25,75	24,75	
64	24,80	27,35	26,35	
70	27,20	29,75	28,75	
80	31,20	33,75	32,75	
90	35,20	37,75	36,75	
A0	39,20	41,75	40,75	

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Ordering Informations

Serie	Order Code	Construction	Contact Plating	Body Material	Special Function	Special Function	ROHS	Packing		
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T51E006	-	XX	SS	G0	NY	1	000	R	TR		
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08 ~ 100Pos.		G0= Gold Flash (Standard)		0= w/o Locating Peg	000 = No Special	N= NO ROHS conform	
						R= ROHS conform	
	SS= Straight SMT			1= with Locating Peg			
			NY= Nylon-6T				
		GC= 10µ Gold Plating					
		GD= 15µ Gold Plating					
		GE= 20µ Gold Plating					
		GF= 30µ Gold Plating				TF= Tube w/o Mylar Foil	
						TR= Tape/Reel w. pic and Mylar Foil	

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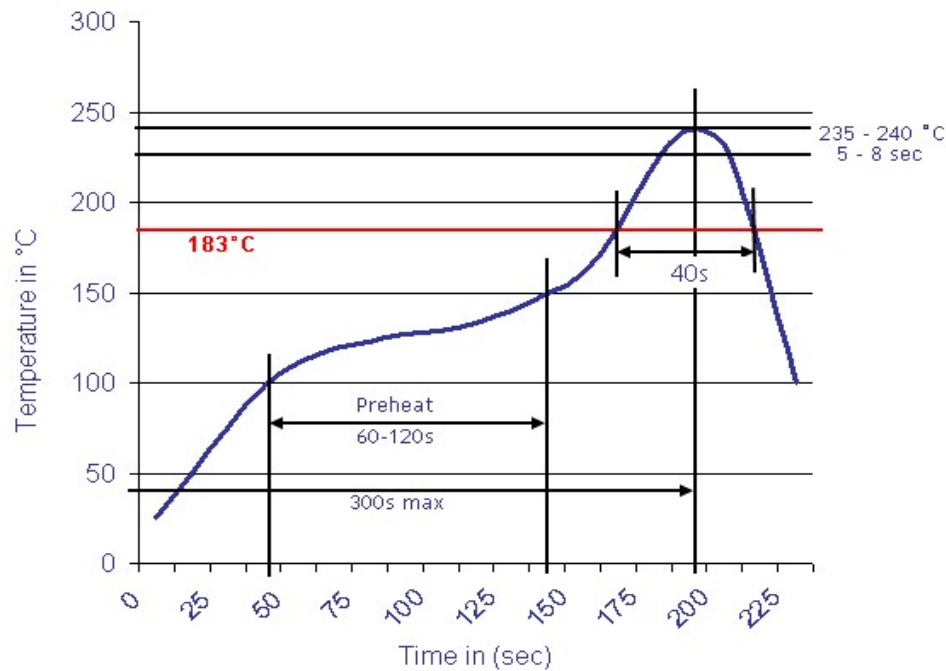


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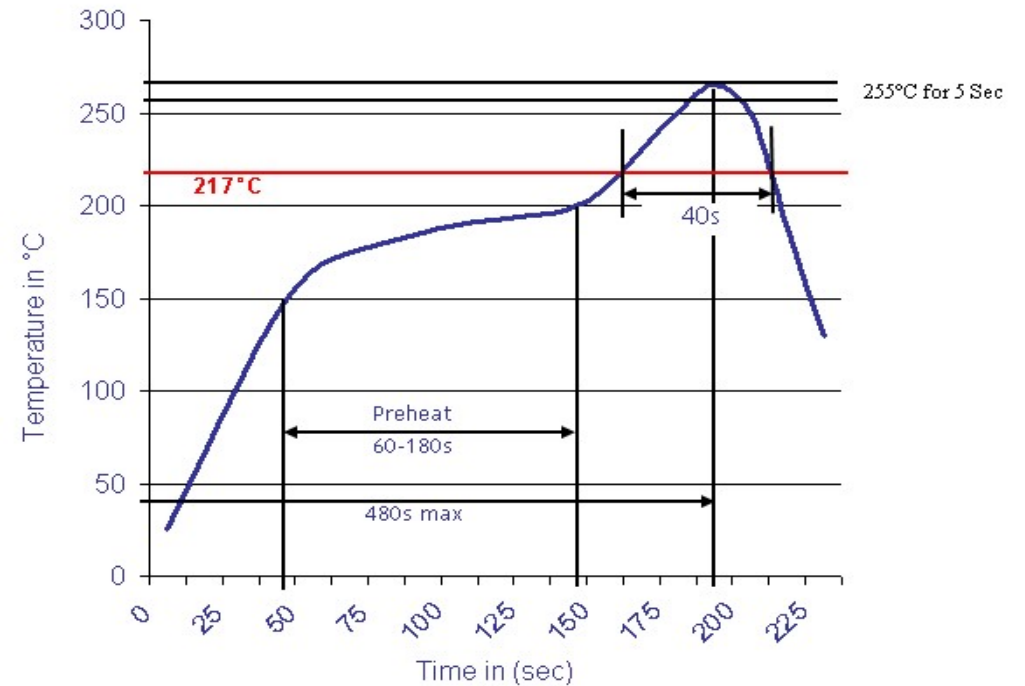
Soldering Profile for Lead Soldering (P.B.T.)

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



Soldering Profile for Lead Free Soldering (Nylon 6T)

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



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Pitch 0,80mm**

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