

DATA SHEET

DIN 41617 Connector Male Type

Serie: T22003

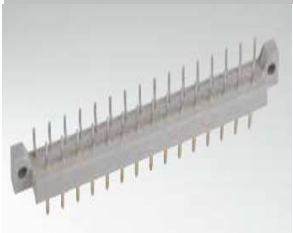
DIN 41617 Connector Male Type

Serie No.: **T22003**

Customer:

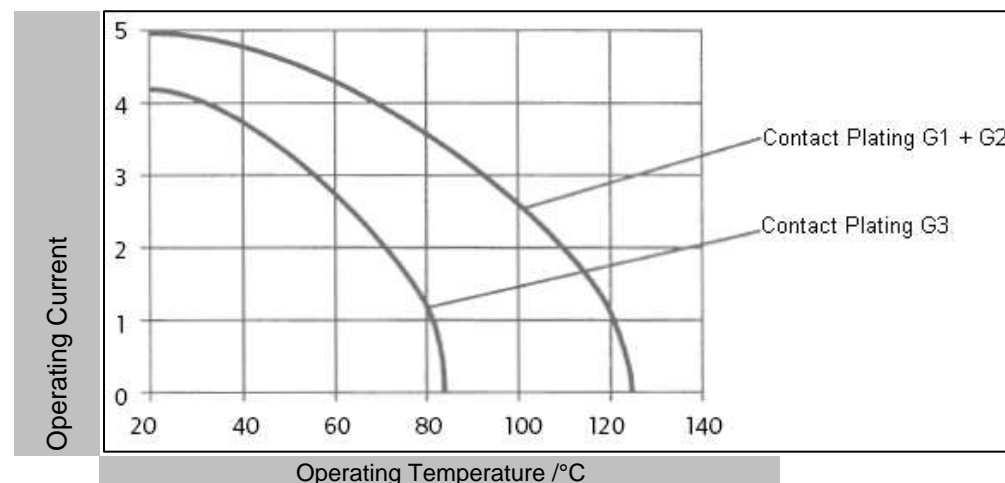
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	19.02.2012
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

EDCON-COMPONENTS



Specifications

Material of Body:	Polycarbonat with GF		
Material contacts:	Copper		
	UL94V-1		
Contact Resistance:	≤ 15mΩ		
Contact Isolations-Resistance: G1	≥ 10 ¹² Ω		
Contact Isolations-Resistance: G2	≥ 10 ¹¹ Ω		
Contact Isolations-Resistance: G3	≥ 10 ¹⁰ Ω		
Proof-Voltage: Contact to Masse	900V		
Proof-Voltage: Contact to Contact	1150V		
Withstanding Voltage:	250V		
Operating current +20°C	Contact G1 + G2 = 4A		
Operating current +70°C	Contact G1 + G2 = 4A		
Operating current +100°C	Contact G3 = 2A		
Operating Temperatur: G1	. -65°C to ~ 125°C		
Operating Temperatur: G2	. -55°C to ~ 125°C		
Operating Temperatur: G3	. -25°C to ~ 85°C		
Connecting force in/out (max.)	13Pos. 32N/AU	30N/SI	
	21Pos. 33N/AU	48N/SI	
	31Pos. 48N/AU	70N/SI	
Contact operations G3	50 Operations		
Contact operations G2	400 Operations		
Contact operations G1	500 Operations		
Contact operations Silver	500 Operations		



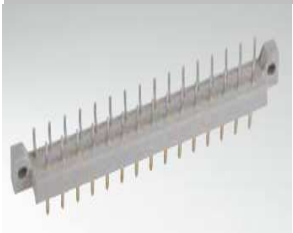
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Part No.: **T22003**

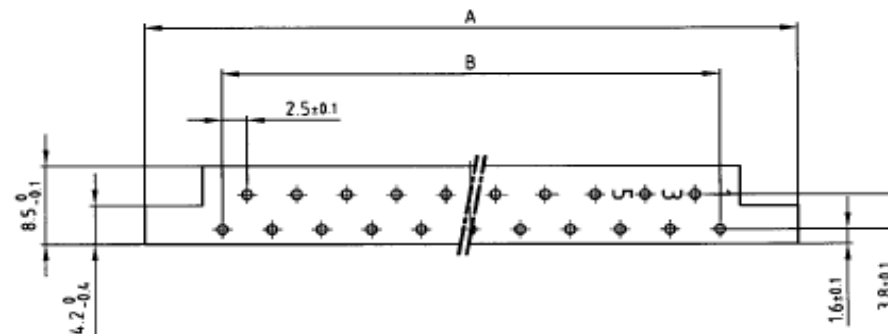
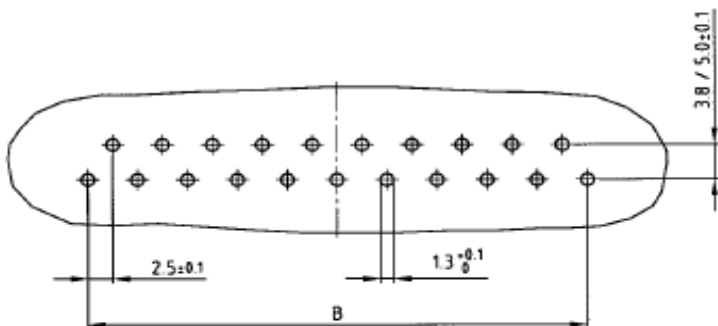
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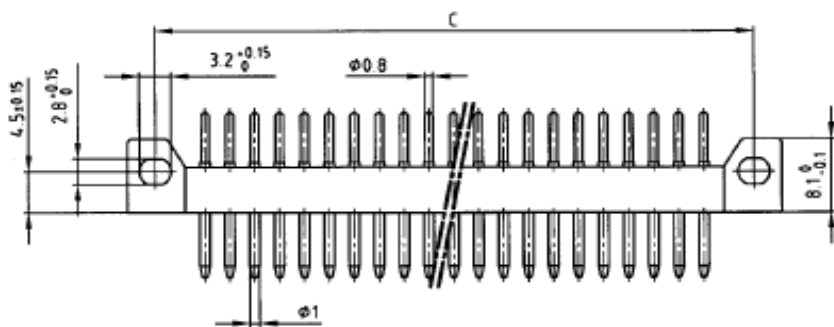
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Drawing



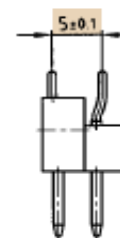
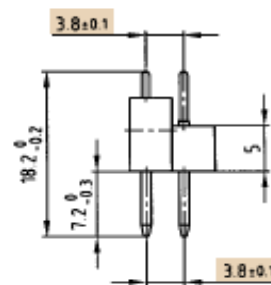
PCB Layout



Number of Position	A ±0,2	B ±0,1	C ±0,1	
13	45,6	12x2,5=30	40	
21	65,6	20x2,5=50	60	
31	89,6	30x2,5=75	85	

3,8 mm

5,0 mm



Type AA

Type BB

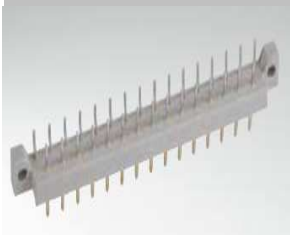
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Customer:

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Ordering Informations

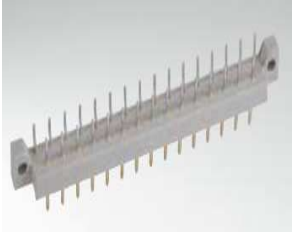
Serie	Number of Position	Contact Plating	Type	ROHS	Packing Code					
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T22003	13	SI	AA	R	BU					
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13= 13Pos.	SI= Silber (Standard)	AA= Standard type	R= ROHS Conform	BU= Bulk Ware
13, 21, 31 Pos.	G1= Gold Plating 1	BB= Special type	N= NON ROHS Conform	TY= Tray Packing
	G2= Gold Plating 2			
	G3= Gold Plating 3			

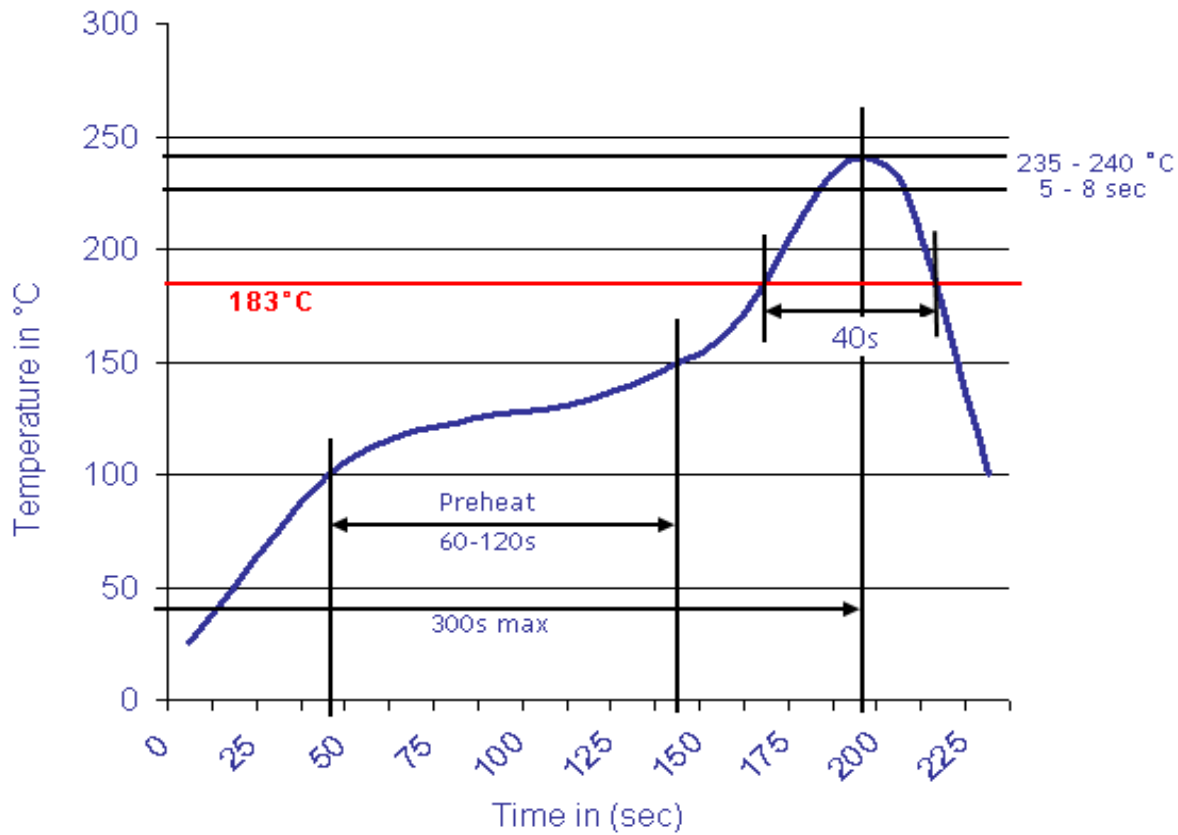
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Soldering Profile Curve

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



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