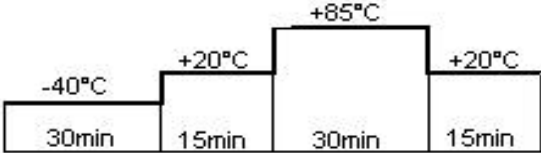
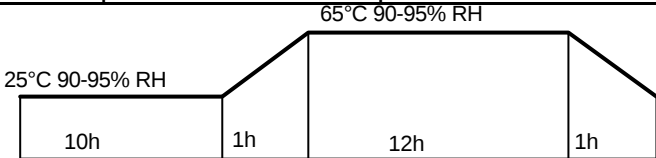
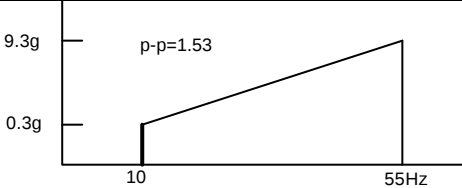


Diese Zeichnung ist unser Eigentum. Vervielfältigung, unbefugte Vervielfältigung, Mitteilung an Dritte, Straftat und Schadensersatzpflicht.

Arbeitspause N

Item	Method of test	Standard
Storage in high temperature	Storage in +85°C test box for 96hours, then expose to the room temperature for 2hours without applying power.	All specifications must be satisfied in this condition.
Storage in low temperature	Storage in -40°C test box for 96hours, then expose to the room temperature for 2hours without applying power.	All specifications must be satisfied in this condition.
Life test in room temperature	Operate continuously for 1000 hours with applying rated voltage.	All specifications must be satisfied in this condition.
Life test in high temperature	Operate continuously in +85°C for 500hours applying 6.5V.	All specifications must be satisfied in this condition.
Life test in low temperature	Operate continuously in -40°C for 500hours applying 4V.	All specifications must be satisfied in this condition.
Temperature cycle test	 Make this test for 5 cycles without applying power, then expose to the room temperature for 2 hours.	All specifications must be satisfied in this condition.
Humidity cycle test	 Make this test for 5 cycles without applying power, then expose to the room temperature for 2 hours.	All specifications must be satisfied in this condition.
Vibration test	 Make this test for the directions X,Y and Z for 30minutes each. To- and -fro sweep time is 1min.	All specifications must be satisfied in this condition.
Drop test	Drop a buzzer naturally from the height of 700mm to the surface of 10 mm thick woodenboard. Three directions (X,Y &Z)	All specifications must be satisfied in this condition.
Solderability	230°C temperature of melted solder, 3sec duration of dipping. After test minimum 90% coverage of surface	All specifications must be satisfied in this condition.
Resistance against solder-heat	No deterioration after dipping in solder 260±5°C for 10sec.	All specifications must be satisfied in this condition.
Pin Strenght	Each Pin may withstand against pulling force of 1kg for 30seconds	All specifications must be satisfied in this condition.

		Halbzeug, Werkstoff		Untolerierte Maße		Zeichn.-Nr. 930519.2	
				Maßstab		Ersatz f. Page Blatt 2 of von 3 Zeichn.	
	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name	F/TCW05 Reliability
gezeichnet			03	solderwave	01.09.98	Bär	
bearbeitet	06.01.99		04	solderheat	06.01.99	Bär	
geprüft	06.01.99		05	solderwave	07.05.99	Bär	
normgepr.							

Vervielfält.-Pause
Nr.

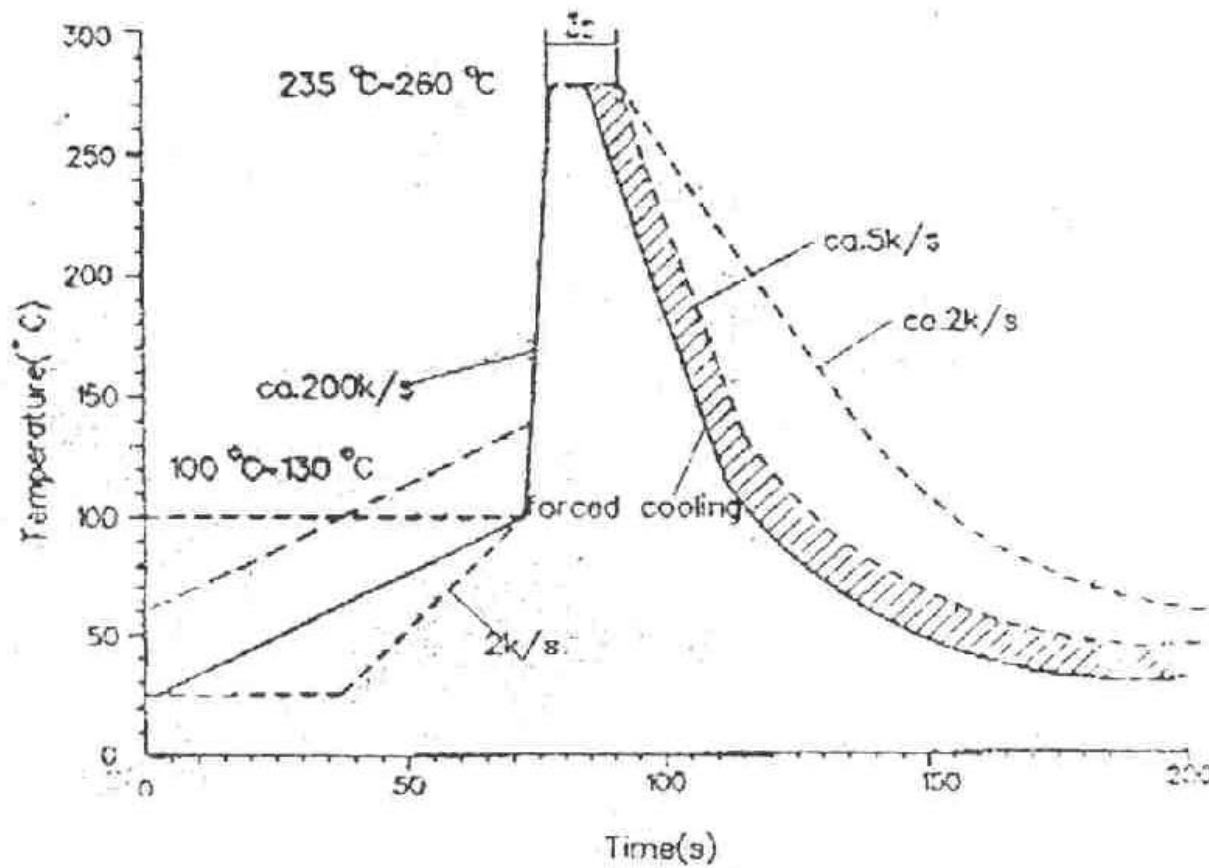
Arbeitspause Nr.

F/TCW05 Solderability

Full line: typical
Dotted line: process limits

Vollinie: typischer Verlauf
Gestrichelte Linie: Prozeß Grenzen

Wave soldering with one wave. Wellenlötung mit einer Lötwellen.



Diese Zeichnung ist unser Eigentum. Vervielfältigung, Verbreitung, auch auszugsweise, ist ohne schriftliche Genehmigung der Digisound Electronic.

 DIGISOUND Electronic			Halbzeug, Werkstoff				Untolerierte Maße		Zeichn.-Nr.		
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							Ersatz f. Zeichn.		Page Blatt 2 of von 3		
	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name	F/TCW05 Solderability				
gezeichnet			03	solderwave	01.09.98	Bär					
bearbeitet	06.01.99		04	solderheat	06.01.99	Bär					
geprüft	06.01.99		05	solderwave	07.05.99	Bär					
normgepr.											

F/TCW05
Solderability