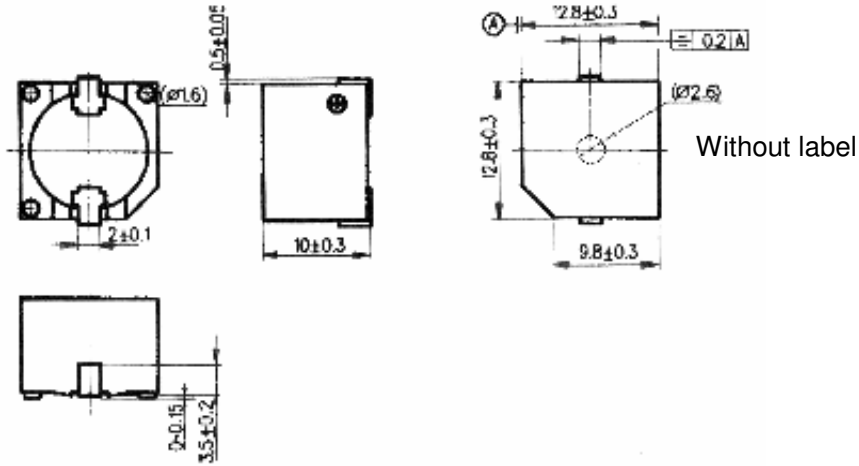


F/SWI-165 LF

Technical terms *Technische Daten*

Operating voltage <i>Betriebsspannungsbereich</i>	8...15V
Rated Voltage <i>Nennspannung</i>	12V
a) Rated Current <i>Nennstrom</i>	≤30mA
a) Sound Output [SPL]at 10 cm <i>Schalldruckpegel] in 10 cm</i>	≥85dB
a) Resonant Frequency <i>Resonanzfrequenz</i>	2300 ± 300 Hz
Temperature Range <i>Temperaturbereich</i>	-40 ...+85 °C
Storage Temperature <i>Lagerungs-Temperatur</i>	-40 ...+90 °C
Weight <i>Gewicht</i>	2 g
a) Value applying rated voltage (DC) <i>Wert bei angelegter Nennspannung (DC)</i>	
Sound Output after reliability test more than > 80 dB <i>Lautstärke nach Zuverlässigkeitstest mehr als > 80 dB</i>	

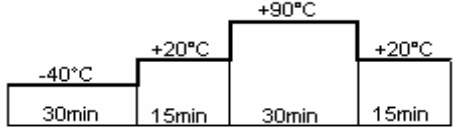
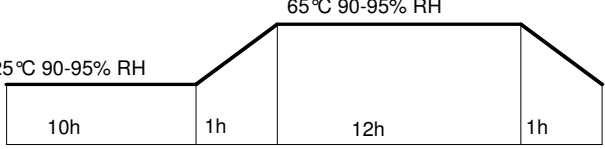
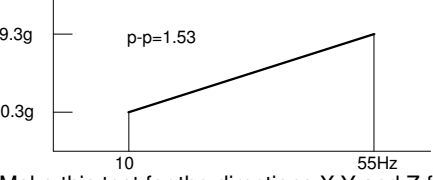
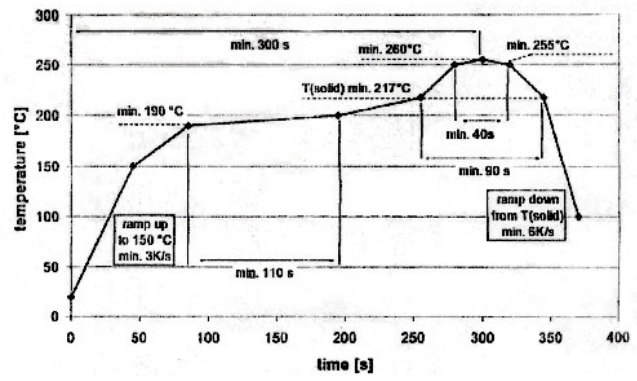
Drawings *Zeichnungen*




Diese Zeichnung ist unser Eigentum. Vervielfältigung unbefugte Verwertung, Mitteilung an andere ist strafbar und Schadensersatzpflichtig

DIGISOUND	Halbzeug, Werkstoff				Untolerierte Maße		Zeichn.-Nr. 070305.2B	
					Maßstab		Ersatz f. Zeichn. Page Blatt 1 of von 2	
Vervielfält.-Pause Nr.	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name	F/SWI-165 LF	
Arbeitspause Nr.	gezeichnet	bearbeitet						
	05.03.07	FM						
	geprüft							
	normgepr.							

Reliability Zuverlässigkeit

Item	Method of test	Standard
Storage in high temp.	Storage in +90°C test box for 96 hours, then expose to the room temperature for 2 hours without applying power.	All specifications must be satisfied in this condition.
Storage in low temp.	Storage in -40°C test box for 96 hours, then expose to the room temperature for 2 hours without applying power.	All specifications must be satisfied in this condition.
Life test in room temp.	Operate continuously for 1000 hours with applying rated voltage.	All specifications must be satisfied in this condition.
Life test in high temp.	Operate continuously in +85°C for 500 hours applying 7V.	All specifications must be satisfied in this condition.
Life test in low temp.	Operate continuously in -40°C for 500 hours applying 4V.	All specifications must be satisfied in this condition.
Temperature cycle test	 <p>Make this test for 5 cycles without applying power, then expose to the room temperature for 2 hours.</p>	All specifications must be satisfied in this condition.
Humidity cycle test	 <p>Make this test for 5 cycles without applying power, then expose to the room temperature for 2 hours.</p>	All specifications must be satisfied in this condition.
Vibration test	 <p>Make this test for the directions X,Y and Z for 2 hours each (total 6 hours). To- and -fro sweep time is 1 min.</p>	All specifications must be satisfied in this condition.
Drop test	Drop a buzzer naturally from the height of 700 mm to the surface of 10 mm thick woodenboard. Three directions (X,Y & Z)	All specifications must be satisfied in this condition.
Solderability test	<p>1. Hand soldering system Soldering Temperature : 245 ± 5 °C Heat applying time: 3 sec.</p> <p>2. Reflow soldering process</p> 	All specifications must be satisfied in this condition.

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	Halbzeug, Werkstoff				Untolerierte Maße		Zeichn.-Nr. 070305.2B	
					Maßstab		Ersatz f. Zeichn. Page Blatt of von 2	
Vervielfält.-Pause Nr.	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name	F/SWI-165 LF	
Arbeitspause Nr.	gezeichnet	bearbeitet						
	geprüft	normgepr.						
	05.03.07	FM						