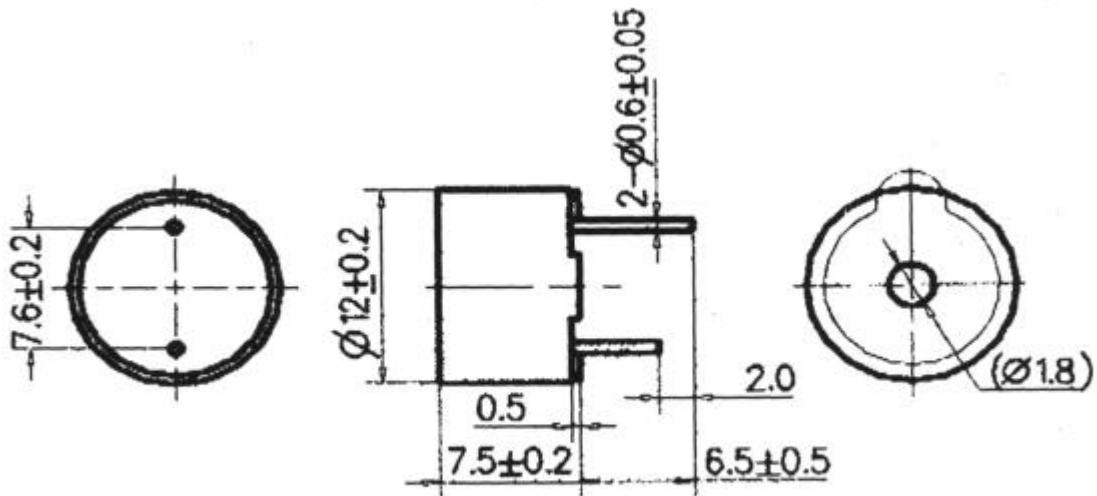


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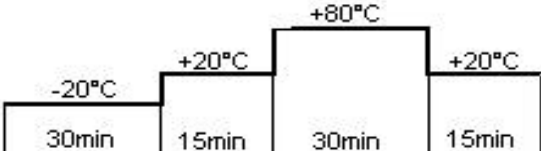
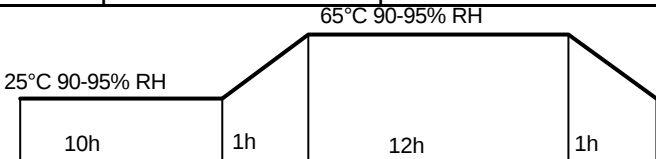
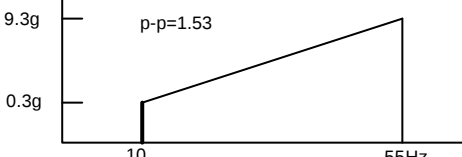
Technical terms *Technische Daten*

Rated Voltage <i>Nennspannung</i>	12V
Operating voltage <i>Betriebsspannungsbereich</i>	9...15V
a) Rated Current <i>Nennstrom</i>	≤30mA
a) Sound Output [SPL]at 10 cm <i>Schalldruckpegel] in 10 cm</i>	≥83dB
a) Resonant Frequency <i>Resonanzfrequenz</i>	2300 ± 400Hz
Operating Temperature <i>Betriebs-Temperatur</i>	-20 ...+70°C
Storage Temperature <i>Lagerungs-Temperatur</i>	-20 ...+80°C
Weight <i>Gewicht</i>	2g
a) Value applying rated voltage (DC) Wert bei angelegter Nennspannung (DC)	

Drawings *Zeichnungen*



 <i>Electronic</i>		Halbzeug, Werkstoff		Untolerierte Maße		Zeichn.-Nr. 981211.9B	
				Maßstab		Ersatz f. Zeichn. Page Blatt1 of von 2	
	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name	F/UCW12
gezeichnet							
bearbeitet	19.01.99						
geprüft	19.01.99						
normgepr.							

Item	Method of test	Standard
Storage in high temp.	Storage in +80°C test box for 240hours, 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 -20°C test box for 240 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 +70°C for 500 hours applying 15V.	All specifications must be satisfied in this condition.
Life test in low temp.	Operate continuously in -20°C for 500 hours applying 9V.	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 800mm to the surface of 10 mm thick wooden board. Three directions (X,Y &Z)	All specifications must be satisfied in this condition.
Solderability	230±5°C temperature of melted solder, 3±0.5sec 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 Strength	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. 981211.9B	
			Maßstab		Ersatz f. Page Blatt 2 of von 2 Zeichn.	
	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name
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bearbeitet	19.01.99					
geprüft	19.01.99					
normgepr.						

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Reliability Test

Vervielfält.-Pause
Nr.

Arbeitspause Nr.