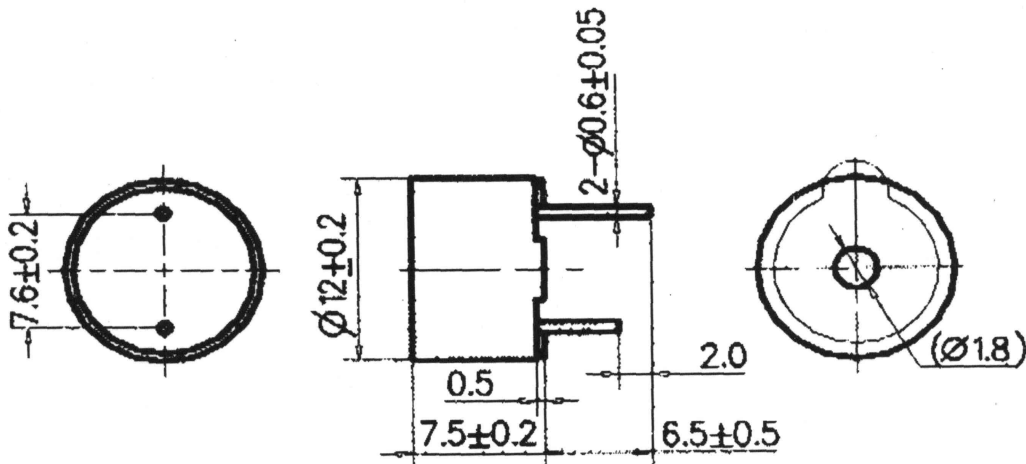


# F/UCW01


## Technical terms Technische Daten

Rated Voltage <i>Nennspannung</i>	1.5V
Operating voltage <i>Betriebsspannungsbereich</i>	1.4...2V
a) Rated Current <i>Nennstrom</i>	≤25mA
a) Sound Output [SPL]at 10 cm <i>Schalldruckpegel] in 10 cm</i>	≥75dB
a) Resonant Frequency <i>Resonanzfrequenz</i>	2300 ± 500Hz
Operating Temperature <i>Betriebs-Temperatur</i>	-20 ...+60 °C
Storage Temperature <i>Lagerungs-Temperatur</i>	-20 ...+70 °C
Weight <i>Gewicht</i>	2g
a) Value applying rated voltage (DC) <i>Wert bei angelegter Nennspannung (DC)</i>	

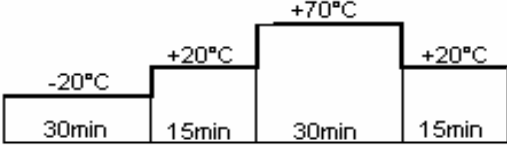
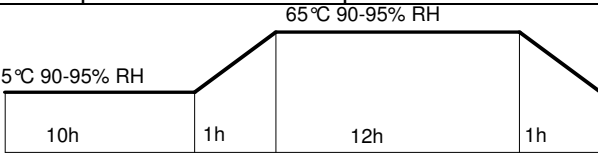
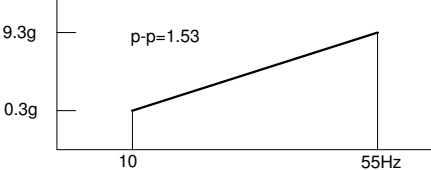
## Drawings Zeichnungen




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

	Halbzeug, Werkstoff				Untolerierte Maße	Zeichn.-Nr. <b>981211.1B</b>
					Maßstab	Ersatz f. Zeichn. Page Blatt 1 of von 2
Vervielfält.-Pause Nr.	Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name
Arbeitspause Nr.	gezeichnet					
	bearbeitet	18.12.98				
	geprüft	18.12.98				
	normgepr.					
<b>F/UCW01</b>						

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Item	Method of test	Standard
Storage in high temp.	Storage in +70°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 +60°C for 500 hours applying 2V.	All specifications must be satisfied in this condition.
Life test in low temp.	Operate continuously in -20°C for 500 hours applying 1.4V.	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 30minutes each. To- and -fro sweep time is 1min.</p>	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		Zechn.-Nr. <b>981211.1B</b>																															
			Maßstab		Ersatz f. Zeichn. Page Blatt 2 of von 2																															
<table border="1"> <thead> <tr> <th>Tag</th> <th>Name</th> <th>And. zust.</th> <th>And.-Mittlg. Nr.</th> <th>Tag</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>gezeichnet</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>bearbeitet</td> <td>18.12.98</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>geprüft</td> <td>18.12.98</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>normgepr.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Tag	Name	And. zust.	And.-Mittlg. Nr.	Tag	Name	gezeichnet						bearbeitet	18.12.98					geprüft	18.12.98					normgepr.						<b>F/UCW01</b> <b>Reliability Test</b>			
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Vervielfält.-Pause Nr.

Arbeitspause Nr.