

F/SMD 8585 JS LF

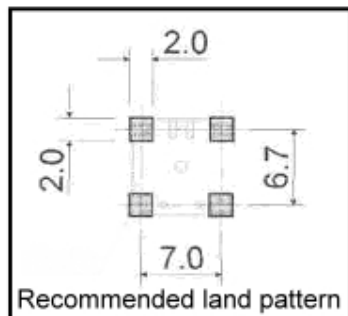
Technical terms *Technische Daten*

Value *Wert*

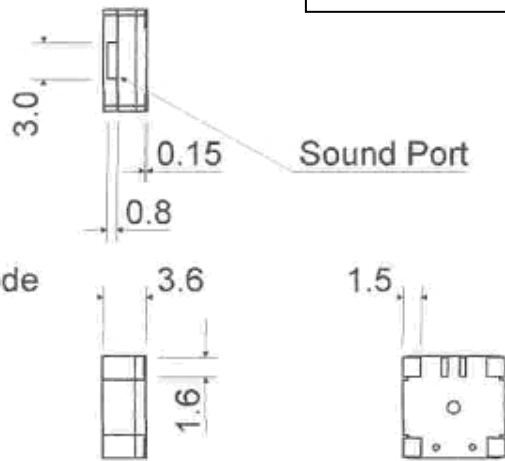
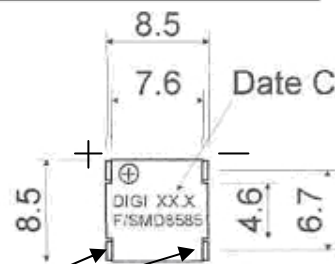
Rated Voltage <i>Nennspannung</i>	3V
Operating voltage <i>Betriebsspannungsbereich</i>	2 ~ 5V
Rated Current <i>Nennstrom</i>	≤80mA
* Sound Output [SPL]at 10 cm <i>Lautstärke[Schalldruckpegel] in 10 cm</i>	≥85dB
Coil Resistance <i>Wicklungs-Widerstand</i>	18 ± 3Ω
Resonant Frequency <i>Resonanzfrequenz</i>	2730Hz
Operating Temperature <i>Betriebstemperatur</i>	-40 ~ +85°C
Storage Temperature <i>Lagerungs-Temperatur</i>	-40 ~ +85°C
Weight <i>Gewicht</i>	1g
RoHS compliant <i>RoHS konform</i>	

* Applying rated voltage (2730Hz, 3.0V, ½ duty, square wave)
Bei angelegter Nennspannung (2730Hz, 3.0V, ½ Tastverhältnis, Rechteck)

Drawings *Zeichnungen*



Pins:
 base material Cu
 finish: Sn plating 3 – 7 μm



not connected

Date Code (XX.X) : XX-Year (00=2000)
 X-Month A~L (E=May)

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



Halbzeug, Werkstoff

Untolerierte Maße

Zeichn.-Nr.

081008.1B

Maßstab

Ersatz f. Zeichn.

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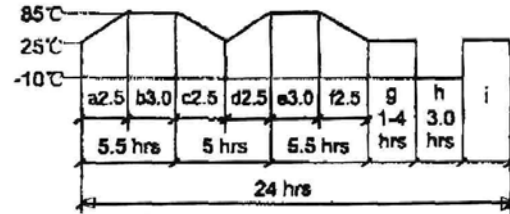
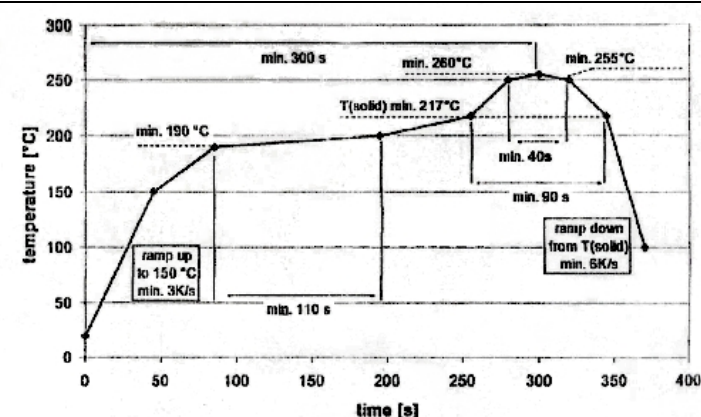
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Vervielfält.-Pause Nr.

Arbeitspause Nr.

Reliability Zuverlässigkeit

Item	Method of test	Standard
Storage in High temp.	Storage in +85°C test box for 96 hours	After the test the part shall meet specifications without any degradation in appearance and performance except SPL. SPL shall be minimum 80dB/10cm
Storage in Low temp.	Storage in -40°C test box for 96 hours	
Temperature Cycle test	Make this test for 50 cycles. One cycle shall consist of 30 min. at -40°C and the 30min. at +85°C.	
Humidity Cycle test	 <p>a,b,d,e,g,i Make this test for 5 cycles without applying power, then expose to the room temperature for 2 hours.</p>	
Drop test	Drop a buzzer 9 times from the height of 750 mm to the surface of 40 mm thick woodenboard in 3 directions (X,Y & Z)	All specifications must be satisfied in this condition.
Solderability	The part lead pins shall be immersed in molten solder maintained at 260±5°C for a period of 5.0±0.5 seconds.	95% coverage with a continuous coating of bright solder
Solderheat Resistance	The part lead pins shall be immersed in molten solder maintained at 260°C for a period of 40 seconds.	After the test the part shall meet the specification without any degradation in appearance and performance
Lead Pull	The part shall be pushed with a force of 9.8N for 10±1 seconds behind the part	After the test the part shall meet specifications without any degradation in appearance and performance except SPL. SPL shall be minimum 83dB/10cm
Operating Life	1. Ordinary Temperature The part shall be subjected to 1000 hours at room temperature (25±10°C) with 3V, 2730Hz applied 2. High Temperature The part shall be subjected to 500 hours at +85°C with 5V, 2730Hz applied 3. Low Temperature The part shall be subjected to 500 hours at -40°C with 2V, 2730Hz applied.	
Recommended Temp. Profile for Reflow Oven		

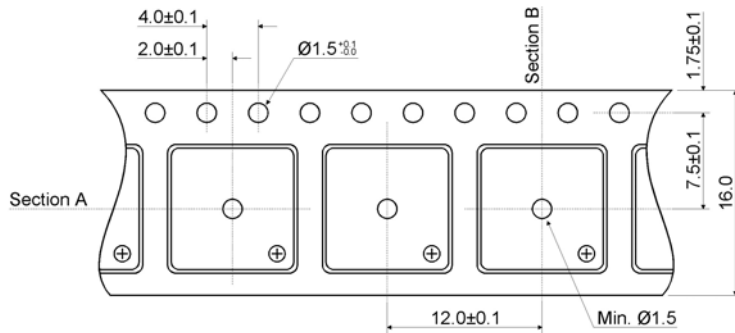
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			Maßstab		Ersatz f. Zeichn. Page Blatt 2 of von 3	
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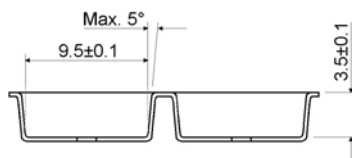
Packing Verpackung

Dimension of tape

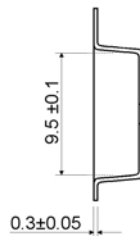
Top View



Section A

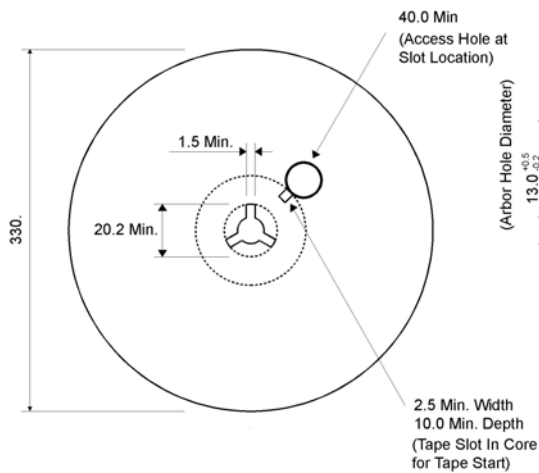


Section B

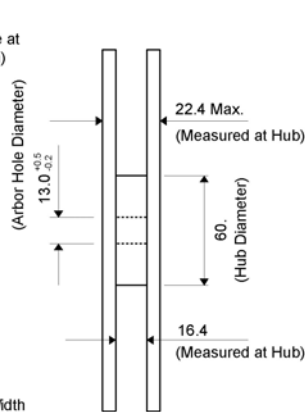


Dimension of reel

Top View



Side View



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Arbeitspause Nr.