



# Elektrotechnik Karl-Heinz Mauz GmbH

**AL-60P05SA** (Artikel-Nr. 155110SA1)

**EKULIT**

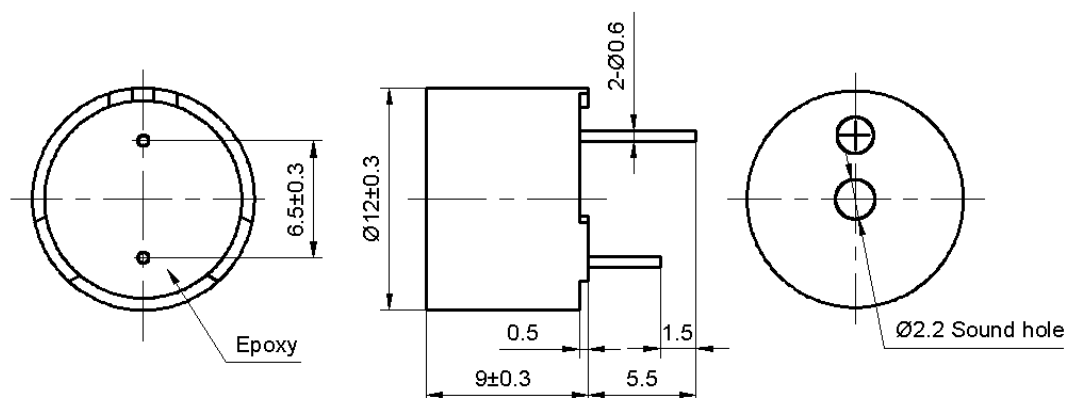
No.	Technical terms	Value
1	Rated Voltage (V)	5
2	Operating Voltage (V)	3~7
3	Resonant Frequency (Hz)	2048
4	☆Coil Resistance ( $\Omega$ )	42±6
5	☆*Sound Output at 10cm (dB)	≥90
6	☆*Current Consumption (mA)	≤50
7	Operating Temperature (°C)	-40~+85
8	Storage Temperature (°C)	-40~+90
9	Weight (g)	2
10	Housing Material	PBT
11	RoHS	Yes

\*Applying rated voltage (Resonant frequency, 1/2duty, Square wave)

☆Tset Basic State: Temp(20±2°C),Humidity(40~70%RH),Air pressure(860~1060hPa).

**DIMENSIONS (UNIT: mm)**

**Tolerance: ±0.5mm Except Specified**



Adresse: **Felix-Wankel-Str. 35 • 73760 Ostfildern/Nellingen**

Tel: **+49-711/3414023**

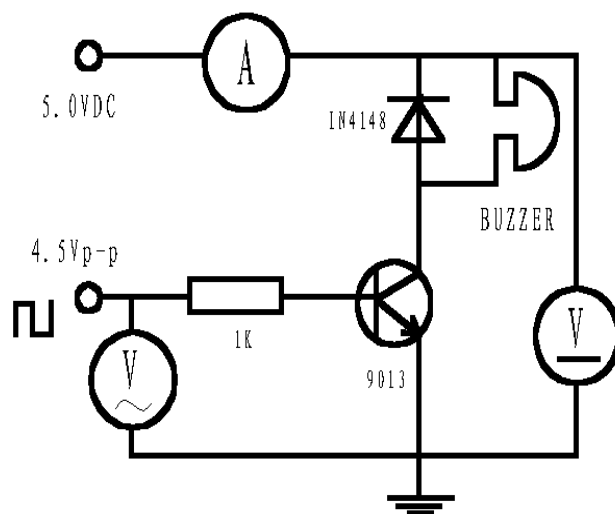
Fax: **+49-711/3414024**

E-mail: **info@ekulit.de** Web site: [www.EKULIT.de](http://www.EKULIT.de)

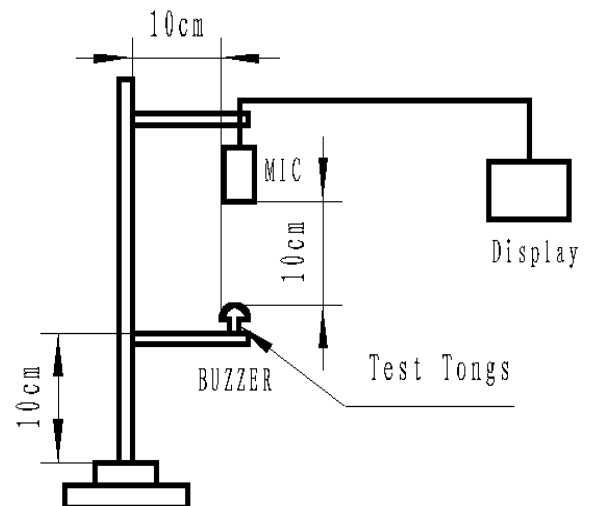
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TEST METHOD:

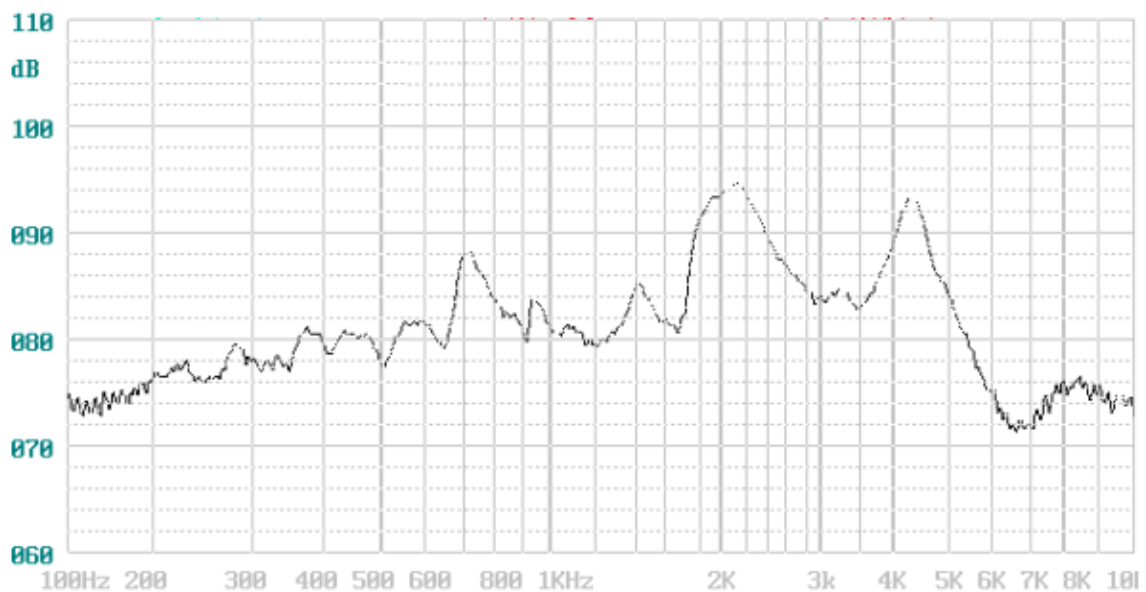


Test Circuit



Test Equipms

FREQUENCY RESPONSE:





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RELIABILITY TEST:

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	40±2°C, 90~95% RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	+90±2°C, 96HRS	
3	Low temp.	-40±2°C, 96HRS	
4	Temperature Cycling	-40±2°C, 30minutes room temp. 15 minutes +90±2°C, 30 minutes room temp. 15 minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the surface of 10mm thick wooden board.	
6	Vibration test	Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro. sweep time (from 10 to 55 Hz and then from 55 to 10 Hz) under single amplitude of 1.0mm is 1 minute.	
7	Solder heat resistance	The part leads (pins) shall be immersed in molten solder maintained at 260±5°C for a period of 10 seconds. Refer to GB2423.28.	

Warranty: For a period of one year from date of manufacture under normal operations.

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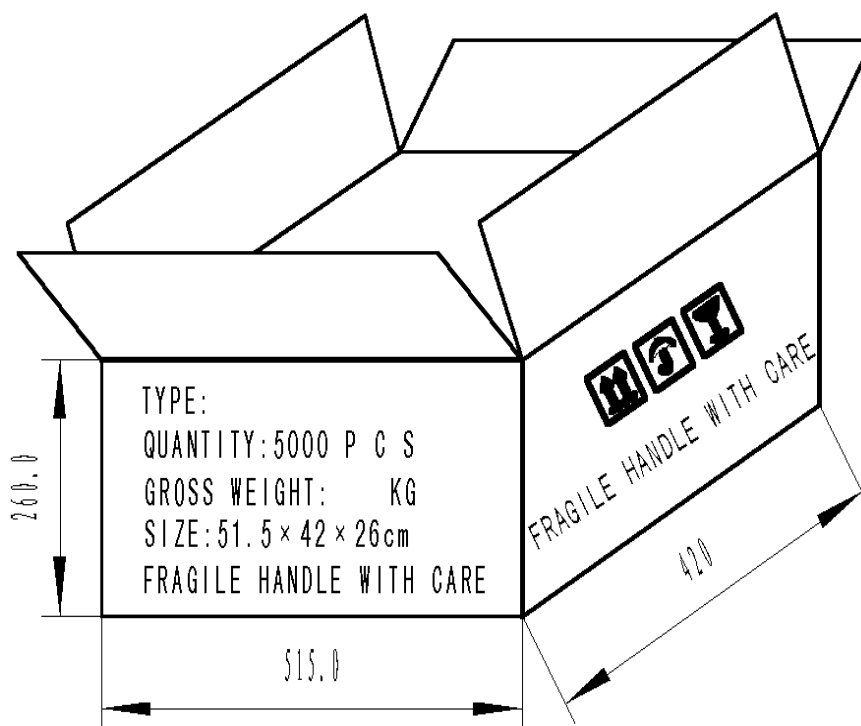


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PACKING:



NOTES:

1. 100 PCS per box
2. Total 50 boxes per carton
3. Total 5000 PCS carton
4. Volume: 51.5 × 42 × 26cm

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