



ELECTROMAGNETIC BUZZER

ALP-1205S-G

FEATURES:

Case: NORYL

Pin: Pins' storage time $\leq$ 5 months

$\leq$ 75%R.H Electroplating: tin



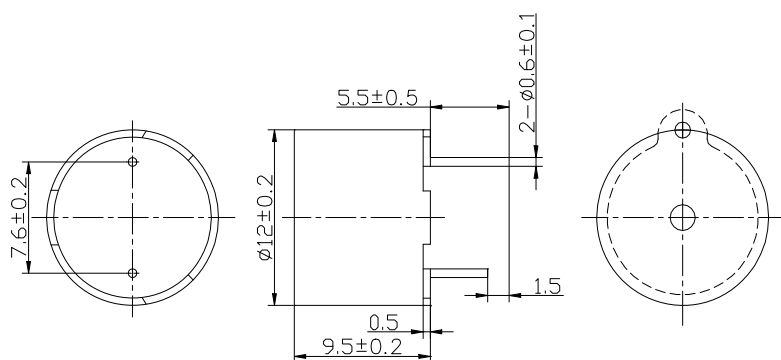
*This product conforms to
the standard of ROHS*

> SPECIFICATIONS

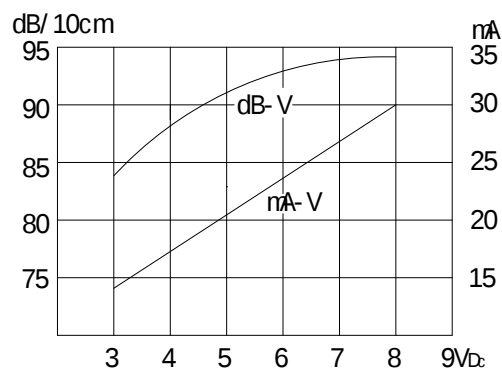
TYPE	UNIT	ALP-1205S-G
◆Min. Sound Output at 10cm	dB	85
Rated Voltage	V _{0-p}	5
Operating Voltage	V _{0-p}	3~7
◆Resonant Frequency	Hz	2300±300
◆Max. Current Consumption	mA	30
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-30~+80
Weight	g	2

◆Value applying at rated voltage

> DIMENSIONS : (Unit: mm)



> FREQUENCY RESPONSE:



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➤ 1. SCOPE

THESE SPECIFICATIONS APPLIED TO THE ABOVE MENTIONED ELECTROMAGNETIC TRANSDUCER.

➤ 2.MECHANICAL CHARACTERISTICS

2-1 EXTERNAL DIMENSION

THE EXTERNAL DIMENSION, INDICATION ARE AS SHOWN IN DRAWING SHEETS.

2-2 APPEARANCES

THE FINISHING SHALL NOT BE ACCOMPANIED BY REMARKABLE RUST, DISTORTION, CREAK, ETC.

2-3 TENSILE STRENGTH OF TERMINAL PINS

EACH TERMINAL PIN SHALL BE NO ABNORMALITY WHEN THE EQUIPMENT IS PROPERLY FIXED AND 1kg OF LOAD IS GIVEN FOR 30 ± 5 SECONDS IN AXIS DIRECTION OF TERMINAL.

➤ 3.ELECTRICAL CHARACTERISTICS(AT 25 ℃)

3-1	OPERATING VOLTAGE	V_{0-p}	3~7
3-2	RATED VOLTAGE	V_{0-p}	5
3-3	RESONANT FREQUENCY	Hz	2300 ± 300
3-4	RATED CURRENT	mA	30
3-5	SOUND PRESSURE LEVEL	dB	85
3-8	OPERATING TEMPERATURE	℃	-20 +70
3-9	STORAGE TEMPERATURE	℃	-30 +80

DATE: 2009-10-30	PRODUCT SPECIFICATION ALP-1205S-G (ELECTROMAGNETIC TRANSDUCER)	EDITION: A0
REVERSION: 2008A		UPDATE:00

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➤ 4. RELIABILITY TEST

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
4-1	HUMIDITY	55±5℃,95±3%RH 96HRS	SOUND PRESSURE LEVEL INITIAL VALUE ± 10%
4-2	HIGH TEMP.	+80±2℃,96HRS	
4-3	LOW TEMP	-30±2℃,96HRS	
4-4	TEMPERATURE CYCLING	-30±2℃ 30 MINUTES	
		ROOM TEMP. 10 MINUTES	
		+80±2℃ 30 MINUTES	
		ROOM TEMP. 10 MINUTES	
4-5	DROP TEST	HEIGHT FROM 70CM HEIGHT ONTO HARD WOOD OR STEEL SURFACE Number OF DROPS 6 POSITIONS X, Y, Z	

NOTE:

- 1.TEST ITEM 4-4 AND 4-5 SHALL BE CONDUCTED WITH CIRCUIT STATE.
- 2.TEST SPECIMENS SHALL BE KEPT FOR 4 HRS,25℃ BEFORE MEASUREMENT.

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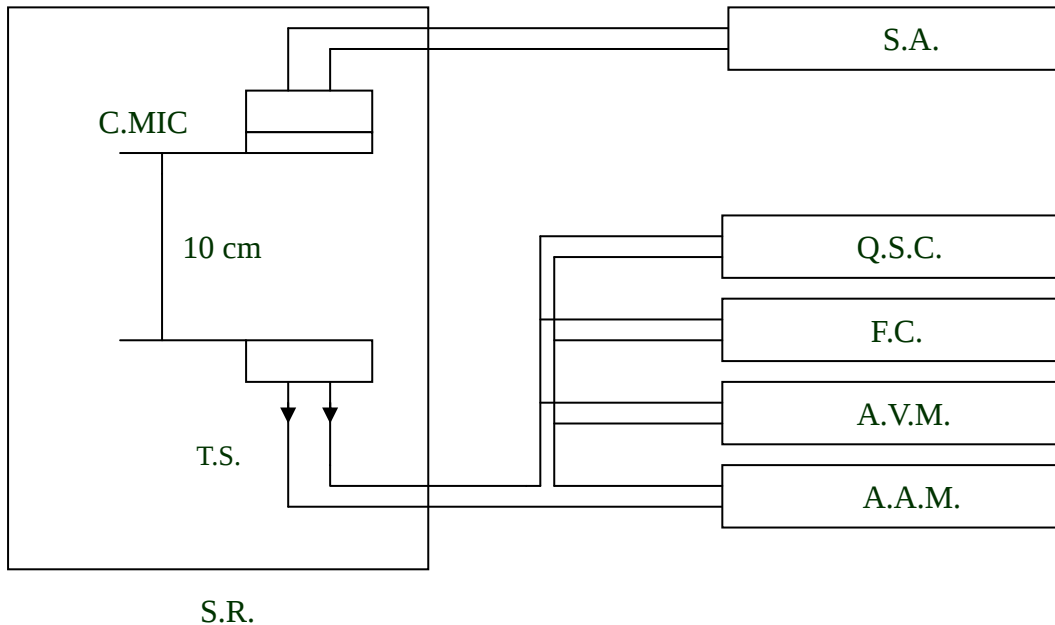
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➤ 5. ELECTRICAL CHARACTERISTICS TEST METHOD



S.A. : SPECTRUM ANALYER

F. C. : FREQUENCY COUNTER

A.A.M.: AC AMPERE METER

S.R. : SOUNDPROOF ROOM

A.V.M.: AC VOLT. METER

C.MIC : CONDENSER MIC

T.S. : TEST SAMPLE

Q.S.C.: OSCILLATOR

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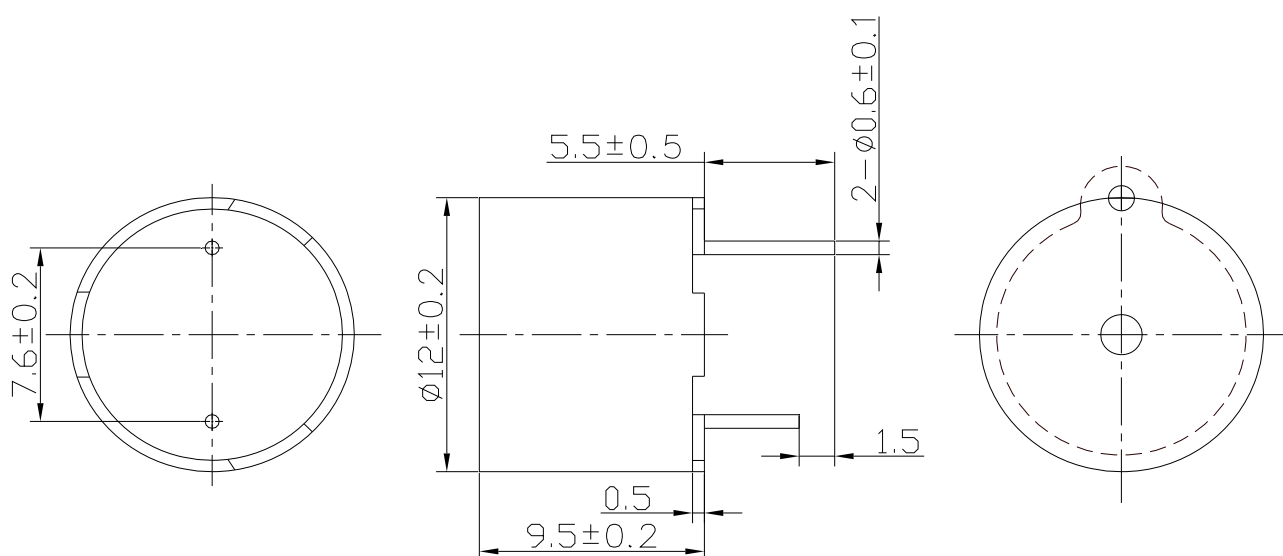
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➤ 6. DIMENSION (UNIT:mm)



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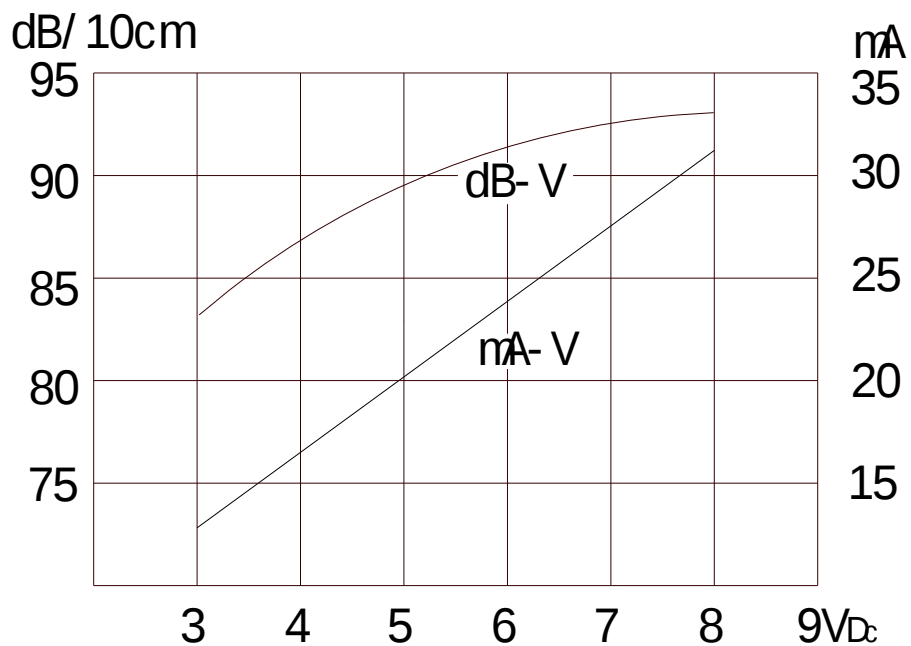
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➤ 7. FREQUENCY RESPONSE (typical curve)



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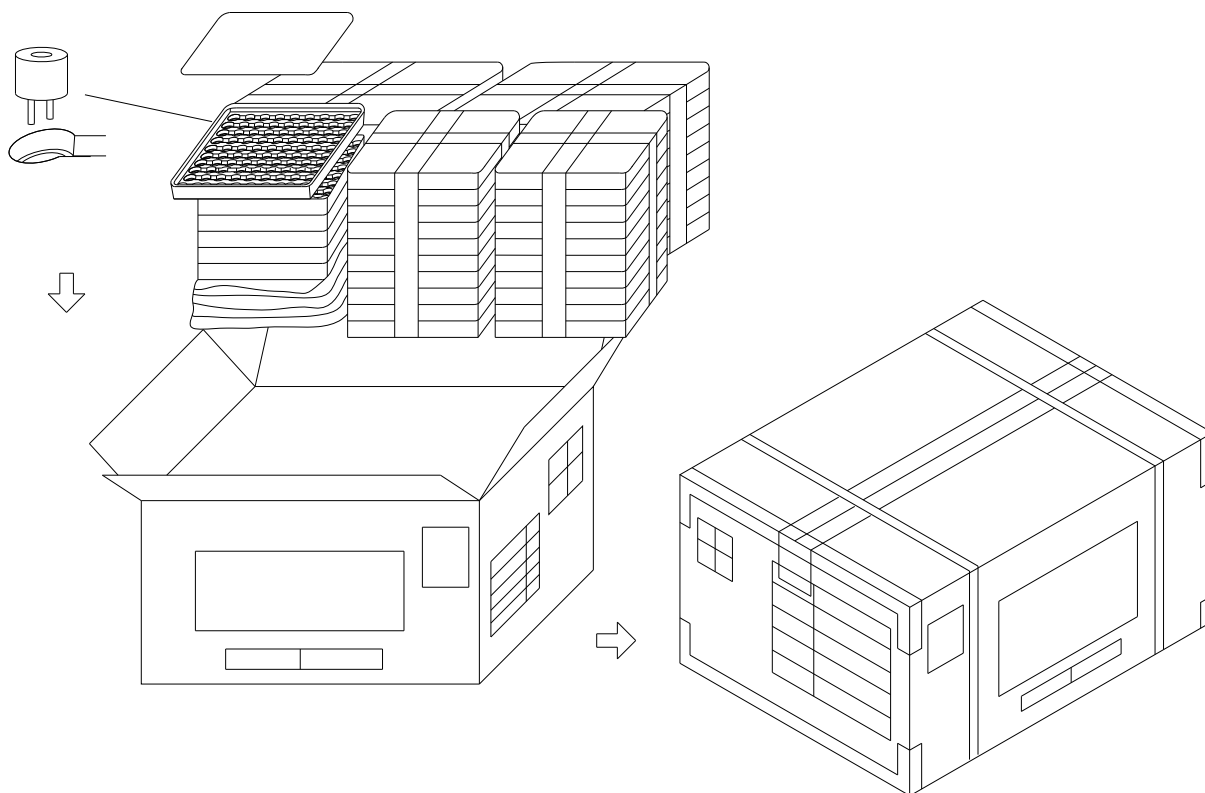
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➤ 8.PACKING FORMAT (UNIT:cm)



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QTY: 5000PCS
VOLUME: 50×41.5×27CM

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