

WE HERE APPLY FOR AUTHORIZATION TO SUPPLY THE ABOVE MENTIONED ON THE BASIS OF THE FOLLOWING SPECIFICATIONS.

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 APPEARANCE

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

2-3 TENSILE STRENGTH OF TERMINAL PIN

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°C)

3-1 OPERATING VOLTAGE	: 3-7V
3-2 RATED VOLTAGE	: 5V
3-3 RESONANT FREQUENCY	: 2400 Hz
3-4 RATED CURRENT	: 40mA MAX.
3-5 SOUND PRESSURE LEVEL	: 85dB MIN.
3-6 COIL RESISTANCE	: 50 ± 5 OHM
3-7 COIL IMPEDANCE	: 80 OHM
3-8 OPERATING TEMPERATURE	: -20°C - +70°C
3-9 STORAGE TEMPERATURE	: -30°C - +80°C

DATE: 2007. 1. 3	PRODUCT SPECIFICATION A12P-5E-50 (ELECTROMAGNETIC TRANSDUCER)	CUSTOMER:
PAGE: 1/5		PRODUCER:

4. RELIABILITY TEST

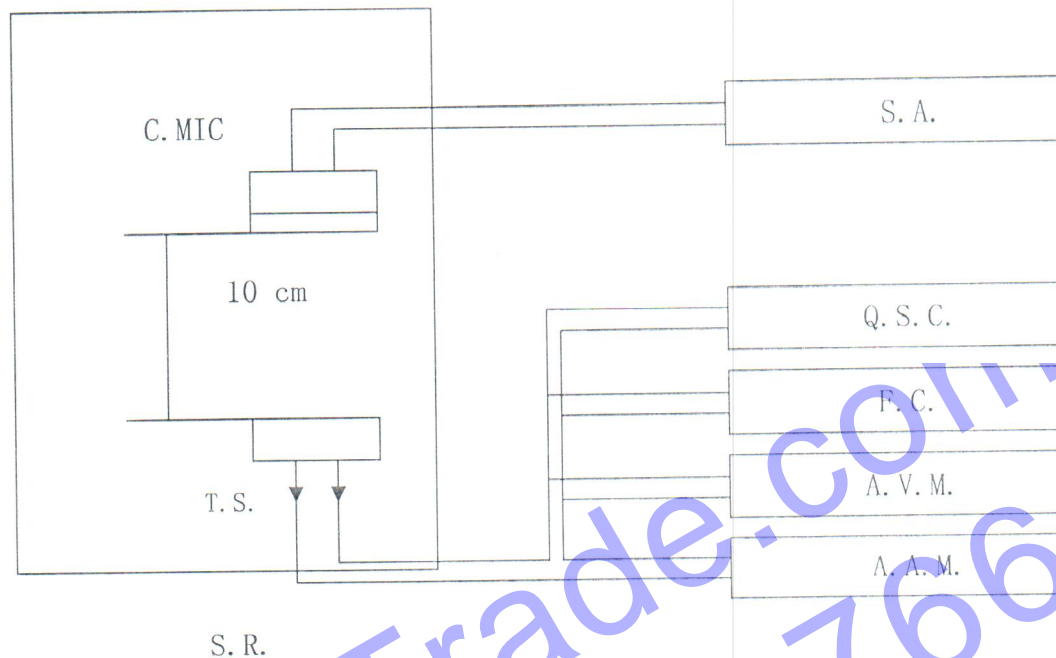
NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
4-1	HUMIDITY	55±5°C, 95±3%RH 96HRS	
4-2	HIGH TEMP.	+80±2°C, 96HRS	
4-3	LOW TEMP.	-30±2°C, 96HRS	
4-4	TEMPERATURE CYCLING	-30±2°C 30 MINUTES	
		ROOM TEMP. 10 MINUTES	
		+80±2°C 30 MINUTES	
		ROOM TEMP. 10 MINUTES	
		5 CYCLES	SOUND PRESSURE LEVEL INITIAL VALUE±10%
4-5	DROP TEST	3 TIMES FROM HEIGHT OF 50CM ON CONCRETE FLOOR	

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°C BEFORE MEASUREMENT.

DATE: 2007. 1. 3	PRODUCT SPECIFICATION	CUSTOMER:
PAGE: 2/5	A12P-5E-50 (ELECTROMAGNETIC TRANSDUCER)	PRODUCER:

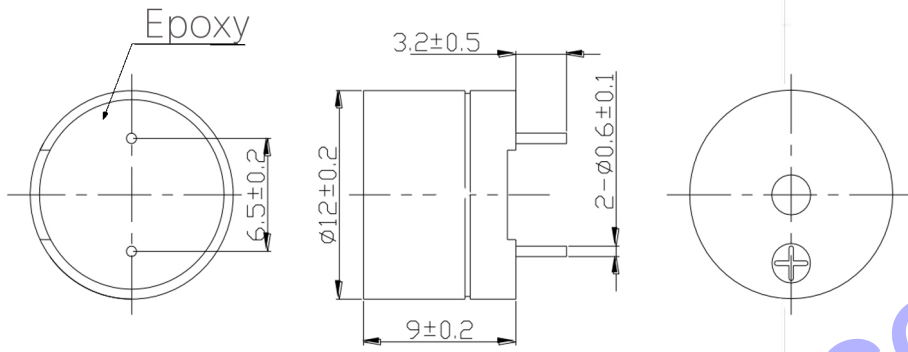
5. ELECTRICAL CHARACTERISTICS TEST METHOD



- S. A. : SPECTRUM ANALYAER
- 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

DATE: 2007. 1. 3	PRODUCT SPECIFICATION A12P-5E-50 (ELECTROMAGNETIC TRANSDUCER)	CUSTOMER:
PAGE: 3/5		PRODUCER:

6. DIMENSION (UNIT:mm)



GanaTrade.com
02-2163-0766

DATE: 2007. 1. 3	PRODUCT SPECIFICATION A12P-5E-50 (ELECTROMAGNETIC TRANSDUCER)	CUSTOMER:
PAGE: 4/5		PRODUCER:

7. FREQUENCY RESPONSE (typical curve of type A12P-5E-50)



GanaTrade.com
02-2163-0766

DATE: 2007. 1. 3	PRODUCT SPECIFICATION	CUSTOMER:
PAGE: 5/5	A12P-5E-50 (ELECTROMAGNETIC TRANSDUCER)	PRODUCER: