

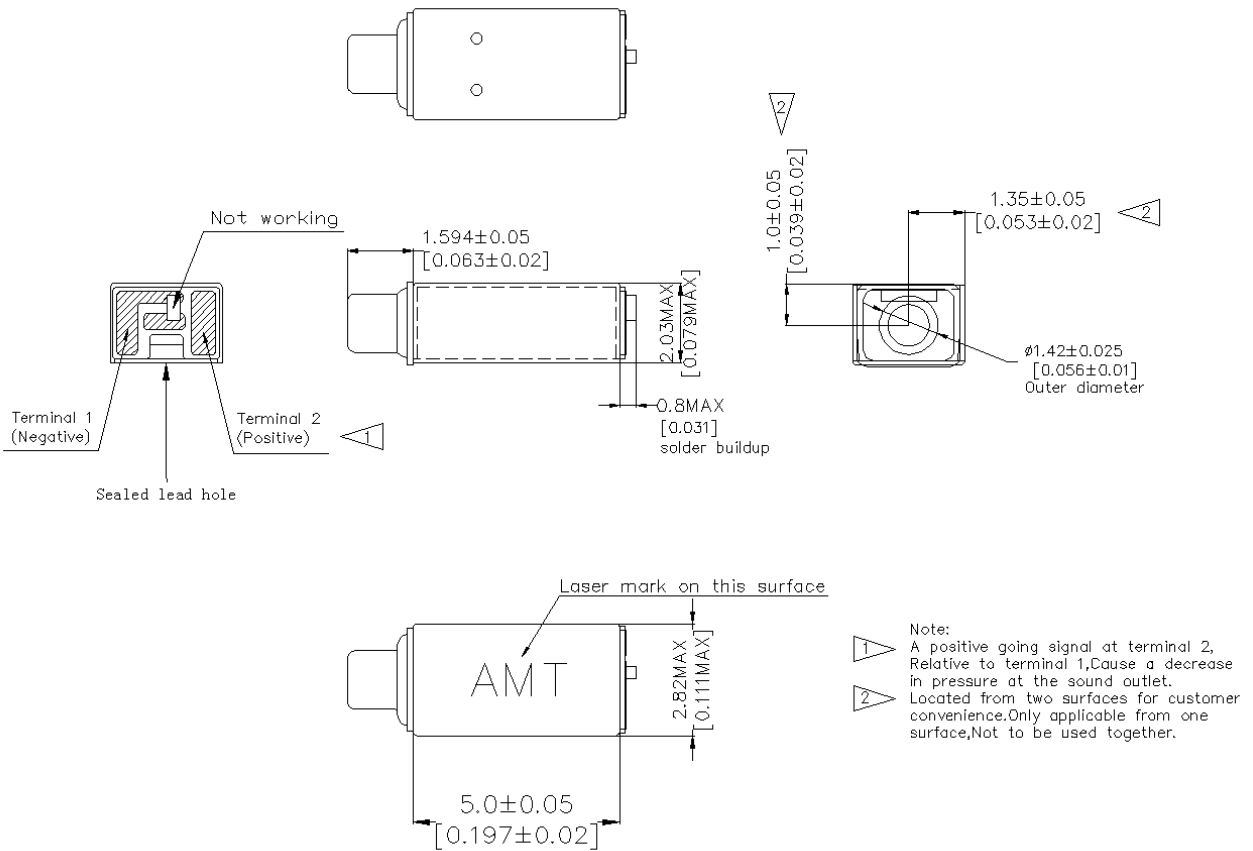
APMB-30- Draft version

Advantages:

- Small size, Max. output achieve 118dB.
- Can be used in earphone.

Mechanical data:

- Dimensions:



- Port location: 12S
- Solder type: SAC305, and ROHS compliance

Electrical properties:

- Isolation: The case will be electrically isolated from internal coil
- DCR and impedance:

Item	specification
DC resistance	$6\Omega \pm 10\%$
Imp@1 kHz	$6\Omega \pm 15\%$

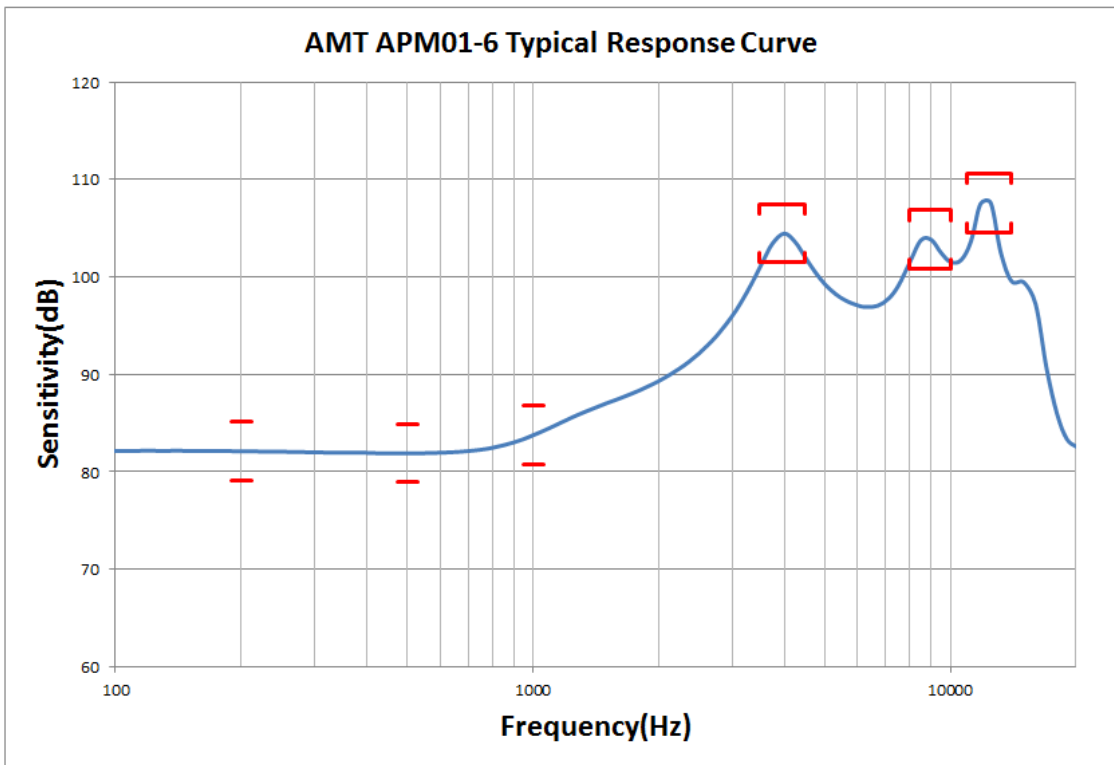
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Acoustic specification:

1, Test condition

- 1.1 Driver: CV 77mVrms
- 1.2 Tube and cavity: 10mm*dia1.0mm tube into 711 coupler
- 1.3 Source requirements: source impedance <1ohm.

2, Typical response curve and specification:



Specification	Frequency(Hz)	Minimum	Nominal	Maximum
Sensitivity	200	79	82	85
Sensitivity	500	79	82	85
Sensitivity	1000	81	84	87
Peak 1	3500-4500	101	104	107
Peak 2	8000-10000	101	104	107
Peak 3	11000-14000	105	108	111

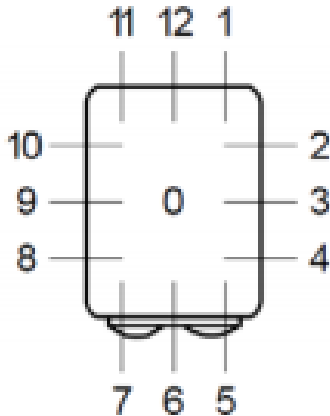
3, Distortion specification:

Frequency(Hz)	Drive (Vrms)	Limit (%)
1/3 Peak 1	0.077	5%
1/2 Peak 1	0.077	5%

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Port location explanation:

- Example 12S, 12 indicates the port location, S indicates tube on the centerline, details refer to below:



Port detail code:

- N – no tube
- B – tube away from the cover
- C – tube near the cover
- S – tube on the centerline
- T – port on Top surface
- O – other situation, check the drawing

Storage and operating requirements:

- Follow below table:

Item	Temperature (°C)	Humidity (%RH)	barometric pressure (hPa)
Storage	-40 ~ 63	10 ~ 60	500 ~ 1060
Operating/test	0 ~ 40	45 ~ 85	860 ~ 1060
Judgment	18 ~ 22	60 ~ 70	860 ~ 1060

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