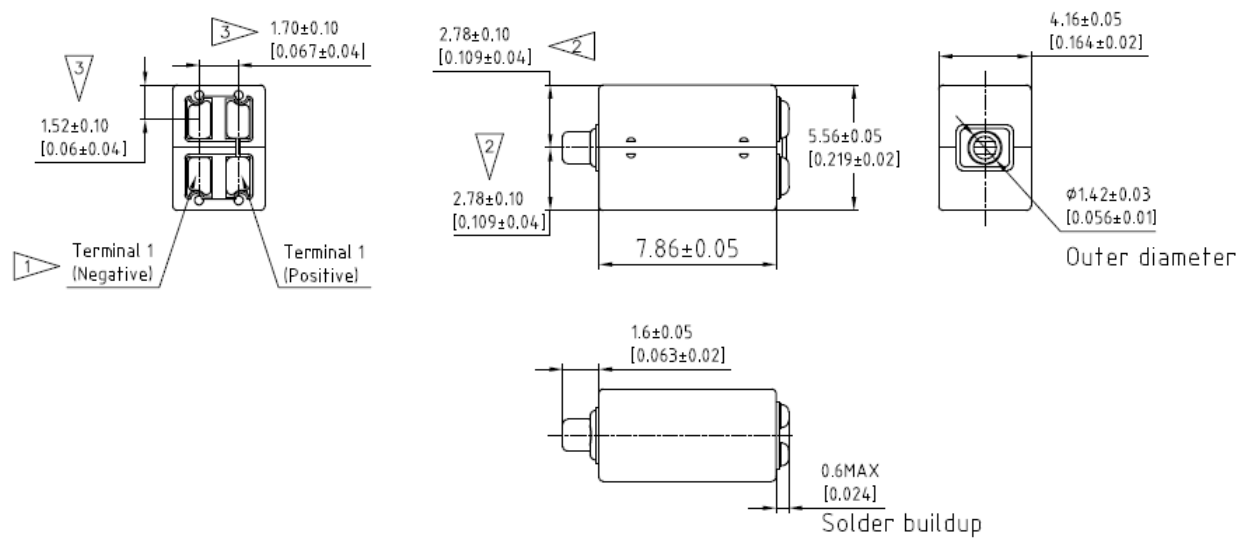


Advantages:

- Small size, Max. output achieve 138dB.
- Can be used in BTE.

Mechanical data:

- Dimensions:



- Note:
- 1 A Positive going signal at terminal 2, Relative to terminal 1,Cause a decrease in pressure at the sound outlet.
 - 2 Located two surfaces for customer convenience. Only applicable from one surface. Not to be used together.
 - 3 Dimension to approximate center of terminal pad.

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

Electrical properties:

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

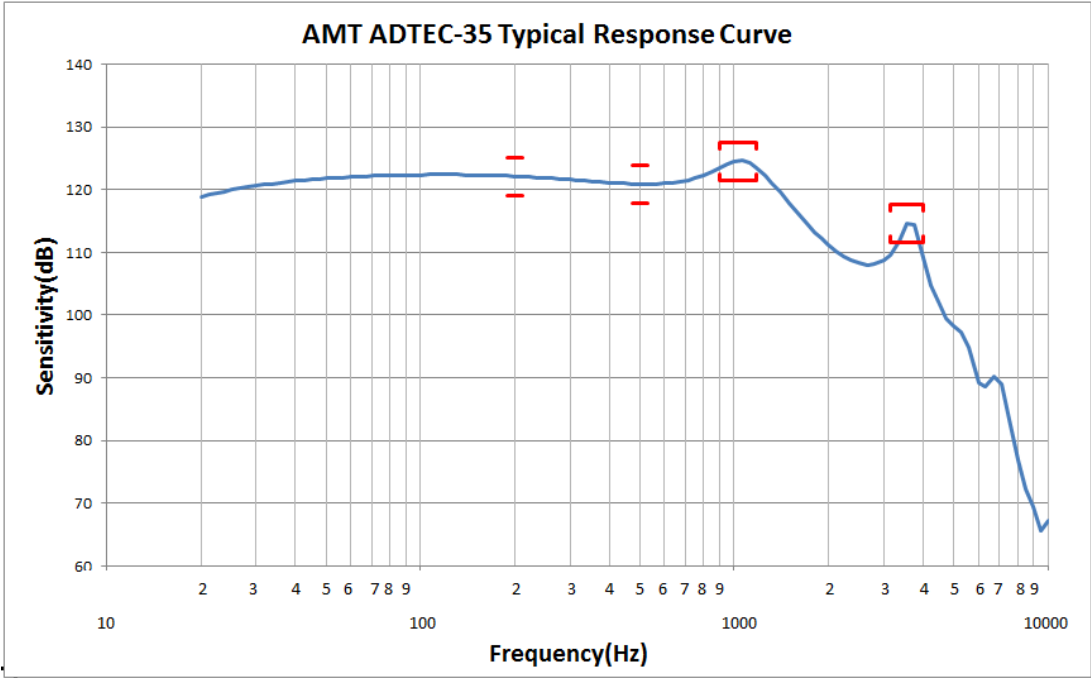
Item	specification
DC resistance	35Ω ± 10%
Imp@1 kHz	150Ω ± 15%

Acoustic specification:

1, Test condition

- 1.1 Driver: CV 187mVrms
- 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:



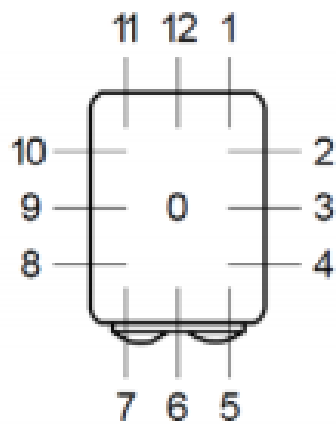
Specification	Frequency(Hz)	Minimum	Nominal	Maximum
Sensitivity	200	119	122	125
Sensitivity	500	118	121	124
Peak 1	750-1350	121	124	127
Peak 2	3250-3850	112	115	118

3, Distortion specification:

Frequency(Hz)	Drive (Vrms)	Limit (%)
1/3 Peak 1	0.187	5%
1/2 Peak 1	0.187	5%

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	15 ~ 30	45 ~ 85	860 ~ 1060
Judgment	18 ~ 22	60 ~ 70	860 ~ 1060