Date: 7 Jul 2020
Ref. No: H08-10

Plastic Frame Speaker
Model: OSAE21S-7T0.25W16

RoHS COMPLIANT

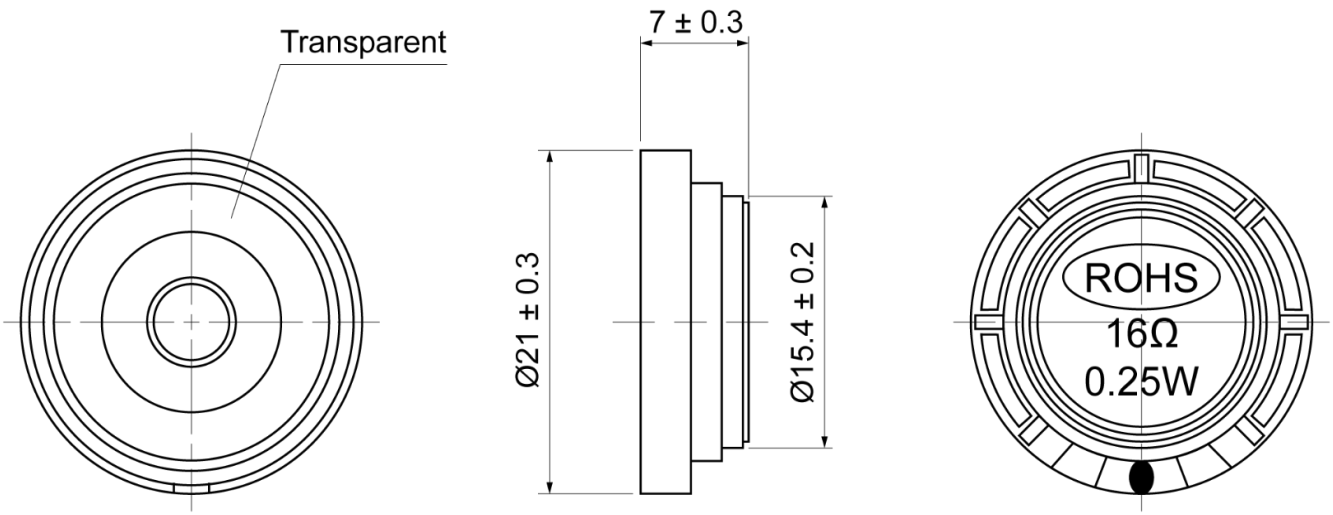
ELECTRICAL SPECIFICATIONS

	Condition	Parameter	Unit
Sound Pressure Level	at 0.1W, 0.1M [at 1KHz]	83 ± 3	dB
Impedance	at 1V, 1000Hz	16 ± 15%	Ω
Rated Input Power		0.25	W
Max Input Power		0.5	W
Resonant Frequency (Fo)	at 1V	900 ± 20%	Hz
Frequency Range		Fo ~ 20000	Hz
Buzzer & Rattles	not be audible at sine wave between 150 ~ 3KHz	2	V
Operating Temperature		-20 ~ 60	°C
Magnet		Ferrite	
Frame Material		Plastic	
Cone Material		Mylar (PET)	
Weight		5	g

MECHANICAL DRAWING

Dimensions in mm

Tolerance ±0.5mm Except Specified



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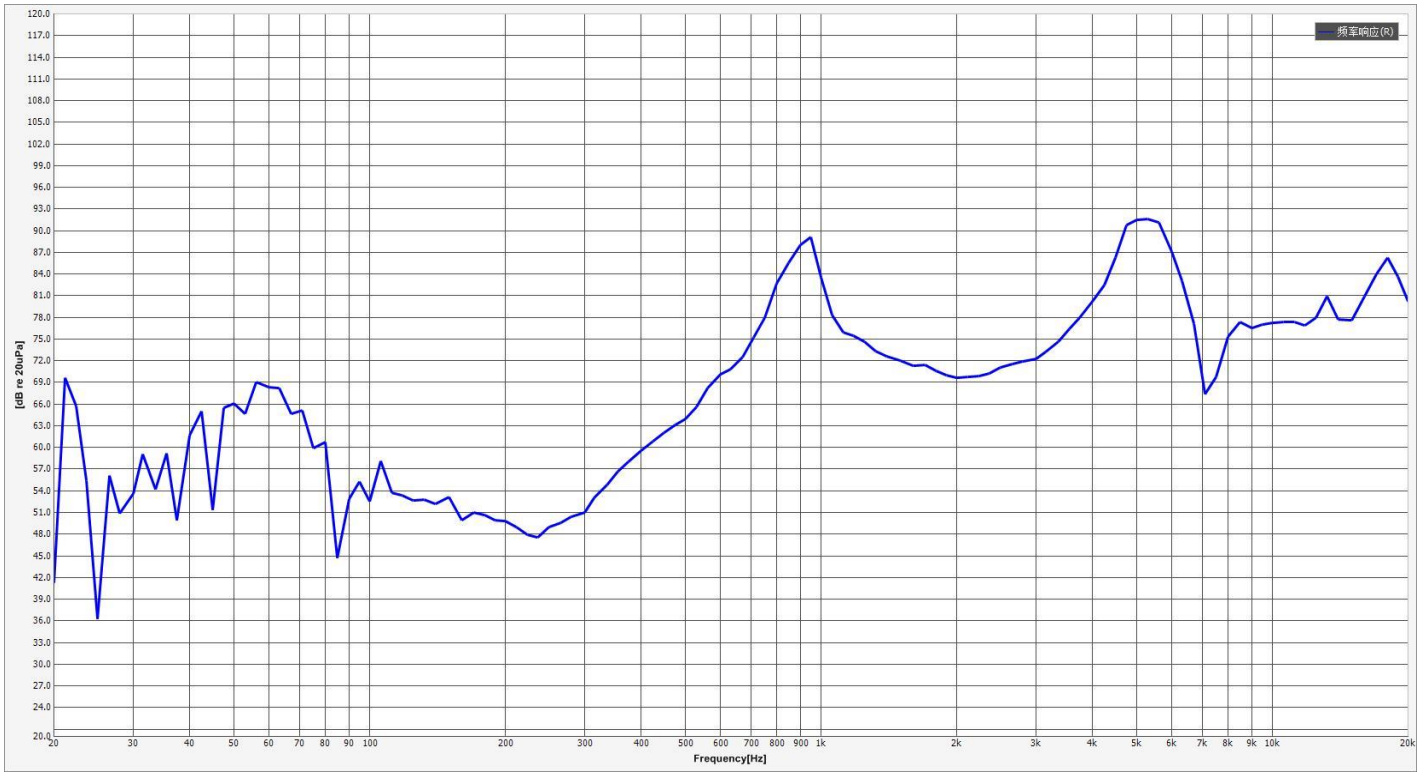
FREQUENCY RESPONSE CURVE