

TEAX25C10-8/SP SoundPax Audio Exciter

Features

- Impedance: 8 ohm nominal
- Outer diameter (max): 113.00 mm
- Thickness: 22.8 mm
- Mass: 95 g
- Self-adhesive mounting
- 2.1 m leads

Applications

- In-wall concealed sound systems
- In-ceiling installations
- Point of sale advertising
- Vending machines

Parameters
Description

The TEAX25C10-8/SP SoundpaX exciter is an audio transducer intended to be mounted on a flat surface to radiate sound. It has a protective polypropylene cover and four flexible legs with double sided foam adhesive pads. These pads allow the exciter to be mounted on a flat surface of any angle, in a robust and reliable manner.

Parameter	Description	min	typ	max	Units
R_e	DC resistance	-10%	8.1	+10%	Ohms
L_e	Inductance (@ 10kHz)	-10%	0.22	+10%	mH
BL	Force factor	-	6.16	-	Tm
f_s	Resonance frequency	-20%	367	+20%	Hz
dD_{rv}	Voice coil diameter	-	25	-	mm
M_{ms}	Moving mass	-	1.9	-	g
C_{ms}	Compliance	-	0.1	-	mmN ⁻¹
R_{ms}	Suspension Loss	-	0.22	-	Nsm ⁻¹

Operating conditions

Condition	Value
Continuous power handling (weighted pink noise)	10W (tbc)
Burst power handling (weighted pink noise)	>20 W (tbc)
Operating temperature range	-20 to 55° C
Audio frequency range	200Hz to 20kHz

Measured Response - Impedance

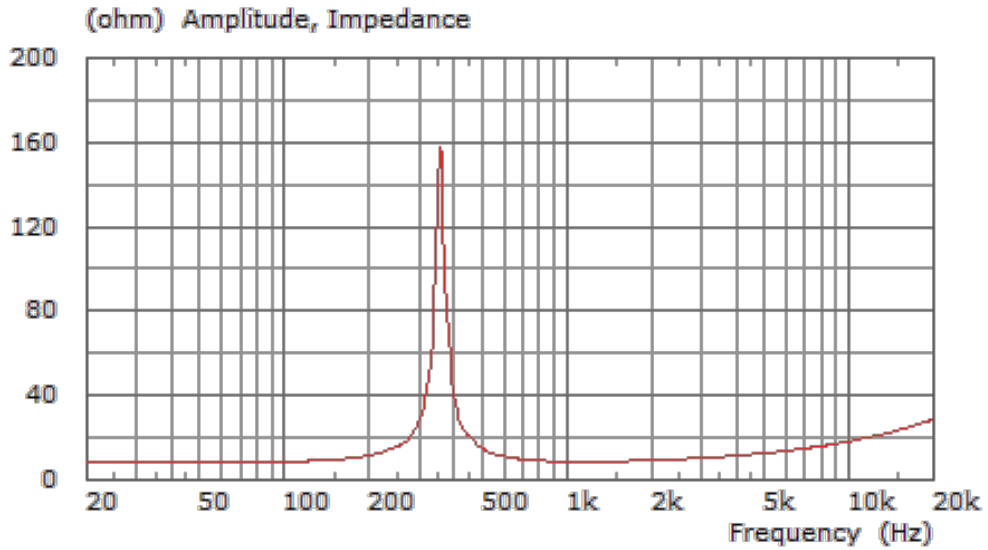


Figure 1. Impedance vs. frequency

Outline Drawing

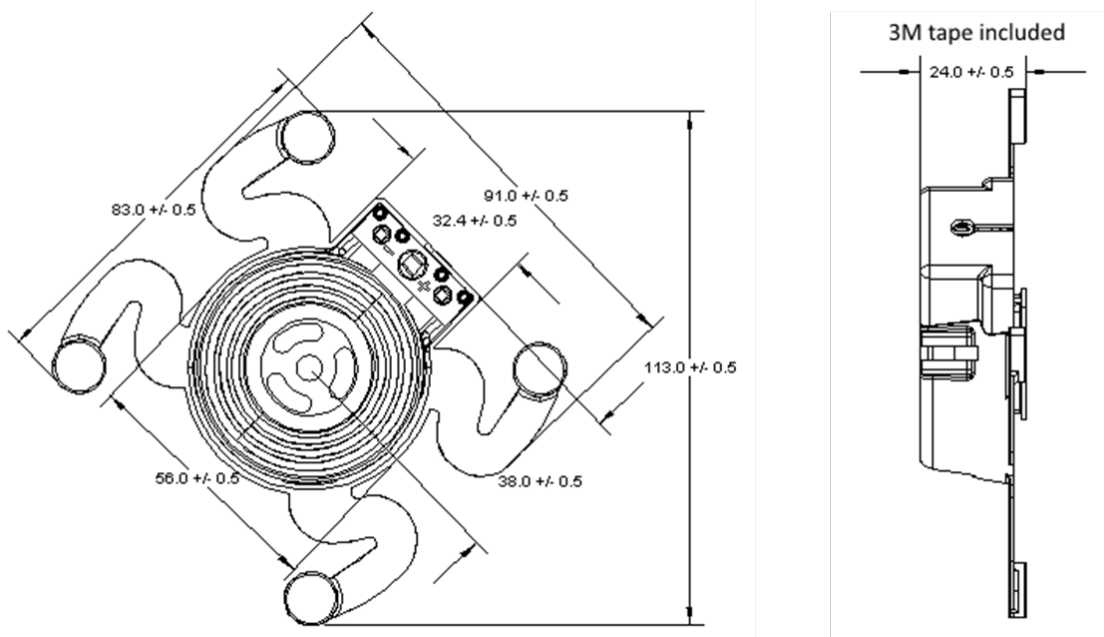


Figure 2. Nominal dimensions (2.1m leads not shown)