

CAC25-01W75-07-1X

Rev. 1-2021
RoHS3 & REACH
IPX7
Chamber Assembly

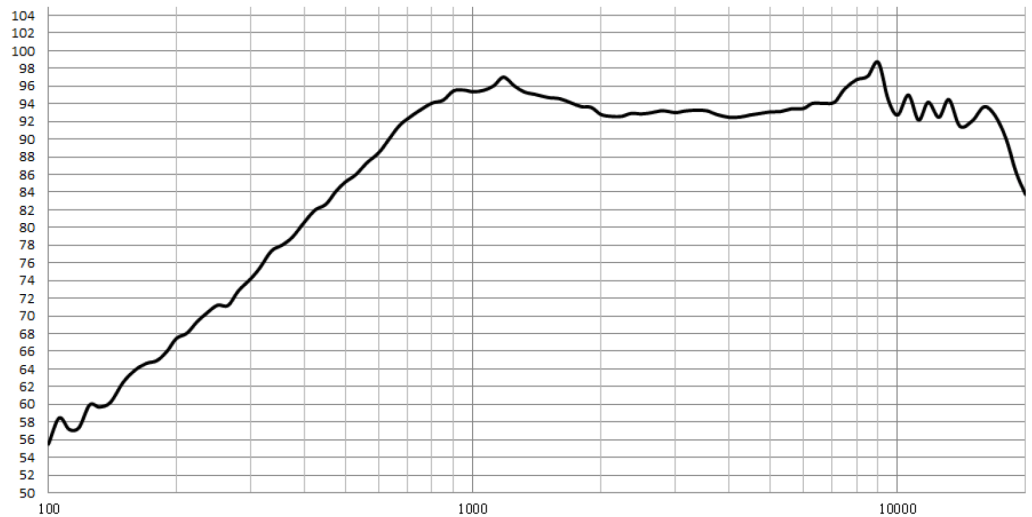

Operating Characteristics

ELECTRICAL

Rated Power	1 W
Short Term Max Power	1.2 W
Impedance	6 Ω $\pm$ 15 % 2000 Hz; 0.167 W

ACOUSTIC

f_o	800 Hz $\pm$ 20 %
Freq. Range	800 to 20000 Hz
Rated SPL	93 $\pm$ 3 dB
Test Conditions	2000 Hz; 1 W; 10 cm;
Distortion	Max 10 % 2000 Hz; 1 W



Physical Characteristics

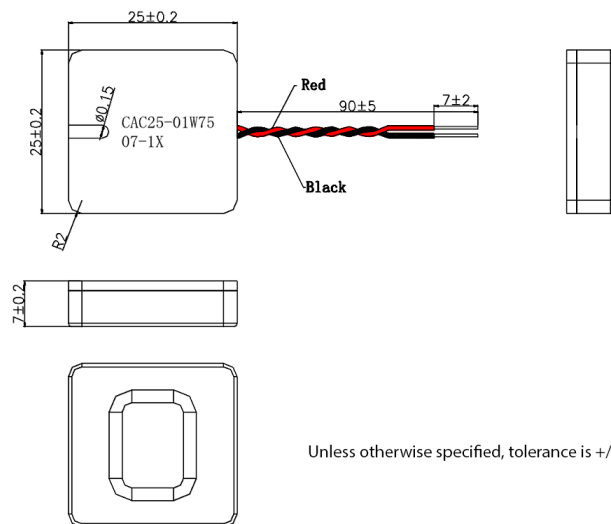
MATERIALS

Speaker Box Frame	PC540
Speaker Frame	PPA
Diaphragm	PEEK
Magnet	NdFeB
Wire	UL3302, 26 AWG

TEMPERATURE RANGES

Operating	-20 to +70 °C
Storage	-40 to +85 °C

Weight	4 g
Number of Magnets	1
Speaker Part #	CS15-01P85-03-2


Unless otherwise specified, tolerance is $\pm$ 0.2 mm

All Measurements are mm unless noted otherwise.

Revision	Description	By	Date
0-2021	Original Specification	CT	2021-03-08
1-2021	Updated mechanical drawing. Updated resonant frequency from 750 $\pm$ 10% Hz to 800 $\pm$ 20% Hz.	CT	2021-07-09

Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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