

CS50-05D32-19-1X

Rev. 1-2026
RoHS3 & REACH
IPX5 Front Face
Oval Speakers



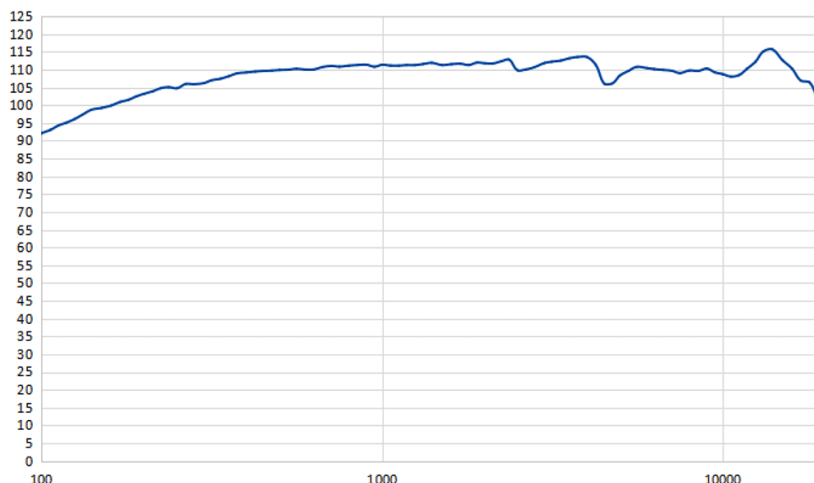
Operating Characteristics

ELECTRICAL

Rated Power	5 W
Short Term Max Power	8 W
Impedance	8 Ω $\pm$ 18 % 2,000 Hz; 0.125 W

ACOUSTIC: Baffle Board

f_o	355 Hz $\pm$ 20 % 0.125 W
Freq. Range	150 to 20,000 Hz
Rated SPL	111 $\pm$ 3 dB 800, 1,000, 1,180, 1,500 Hz; AVG; 5 W; 10 cm
Distortion	< 5 % 1,000 Hz; 8 W



Physical Characteristics

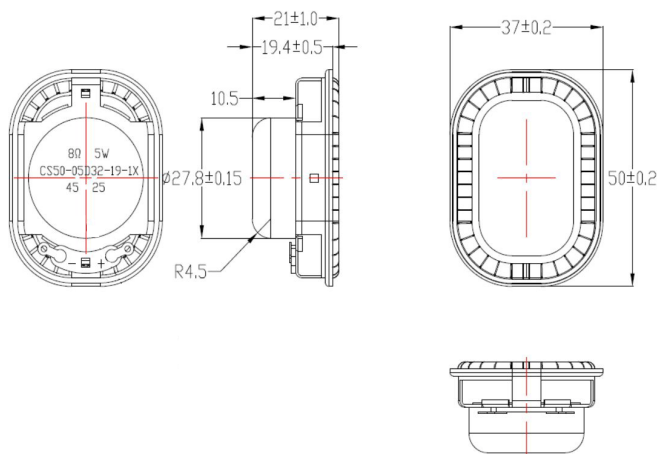
MATERIALS

Housing	SPCC
Cone	Rubber + Carbon Fiber
Magnet	NdFeB
Solder Tab	Tin Plated Iron

TEMPERATURE RANGES

Operating	-40 to +85 °C
Storage	-40 to +105 °C

Weight 56 g



General tolerance = ± 0.5 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2025	Original Specification	KG	2025-10-29
1-2026	Updated the Mechanical Drawing to include "+" and "-" markings. Updated the Rated Impedance from 8 Ω $\pm$ 15% to 8 Ω $\pm$ 18%. Updated the Resonant Frequency from 320Hz $\pm$ 20% to 355Hz $\pm$ 20%.	KG	2026-08-21

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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