

INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

CAC83-03W45-15-1

Rev. 1-2021
RoHS3 & REACH
Chamber Assembly



Operating Characteristics

ELECTRICAL

Rated Power	3 W
Short Term Max Power	4 W
Impedance	4 Ω ± 15 % 2000 Hz; 1 W

ACOUSTIC

f_0	450 Hz ± 20 % 0.25 W
Freq. Range	450 to 20000 Hz
Rated SPL	73 ± 3 dB
Test Conditions	800, 1000, 1200, 1500 Hz; 1 W; 50 cm;
Distortion	<15 % 1000 Hz; 1 W



Physical Characteristics

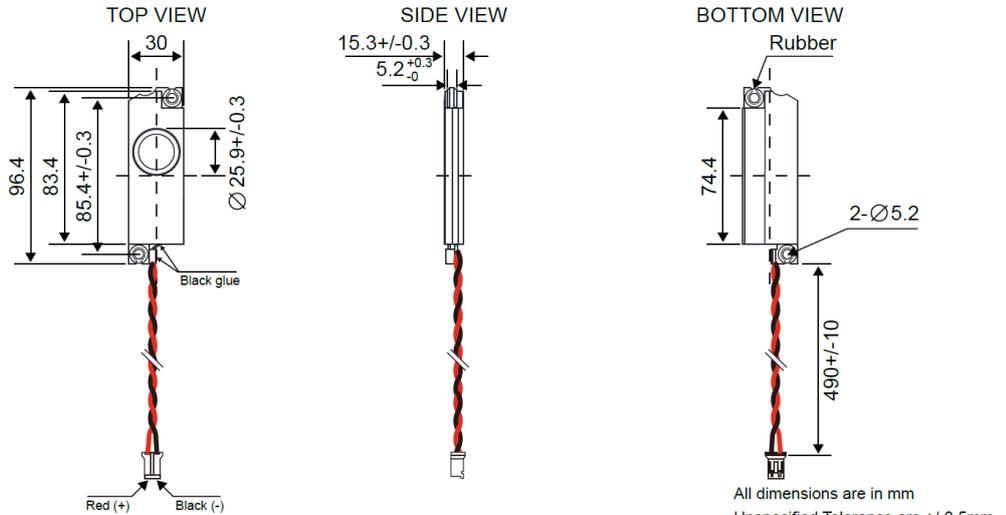
MATERIALS

Speaker Box Frame	ABS
Speaker Frame	ABS
Diaphragm	Paper + Foam
Magnet	NdFeB
Wires	UL1571, 28AWG
Connector	JST-PHR-2

TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-30 to +60 °C

Weight	18 g
Number of Magnets	1
Speaker Part #	CS28-03P35-07-2



All Measurements are mm unless noted otherwise.

Revision	Description	By	Date
0-2020	Initial Specification Sheet	JL	2020-06-05
1-2021	Updated callout from Min SPL to Rated SPL.	CT	2021-03-08

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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