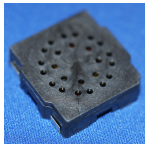


INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

## CS20-00S85-04-1

Former P/N: CES200S045BA08PMS850MR

Rev. 2-2019  
RoHS3 & REACH  
Square Speakers



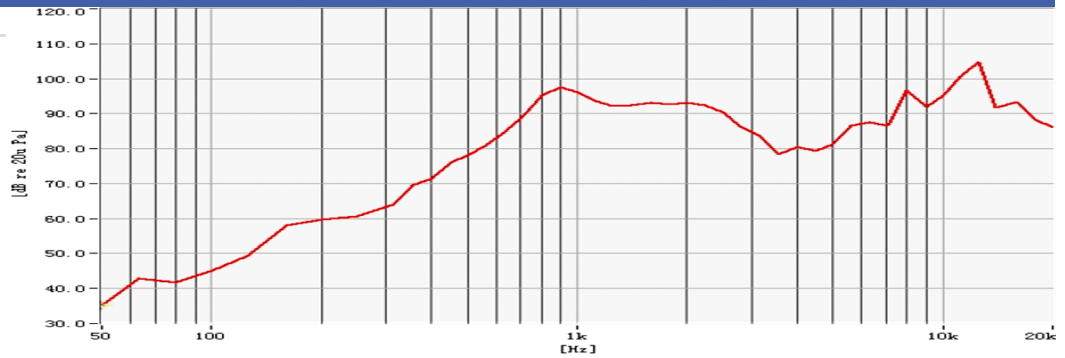
### Operating Characteristics

#### ELECTRICAL

Rated Power	0.8 W
Short Term Max Power	1.0 W
Impedance	8 Ω ± 15 % 2000 Hz; 0.125 W

#### ACOUSTIC: Baffle Board

$f_0$	850 Hz ± 20 % 0.125 W; 10 cm
Freq. Range	850 to 20000 Hz
Rated SPL	90 ± 3 dB 1000, 1600, 2000, 3200 Hz; 0.1 W; 10 cm;
Distortion	<5 % 2000 Hz; 0.8 W



### Physical Characteristics

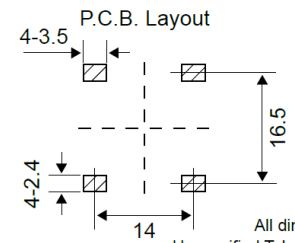
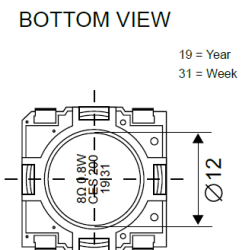
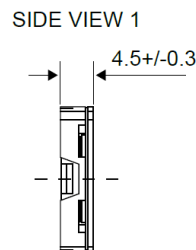
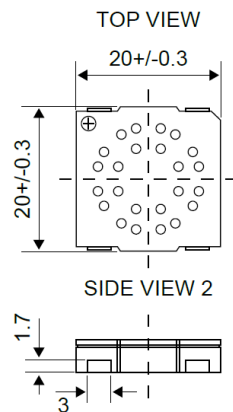
#### MATERIALS

Housing	Plastic
Cone	PI
Magnet	SmCo
Solder Pad	Tin Plated Copper

#### TEMPERATURE RANGES

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

Weight 1.5 g



All dimensions are in mm  
Unspecified Tolerance are +/-0.5mm

Revision	Description	By	Date
1-2019	Added resonant frequency testing conditions. Corrected Cone description from Mylar (PI) to PI.	JL	2019-03-18
2-2019	Migrate to new format. Updated mechanical drawing with PCB layout and date code print.	JL	2019-08-13

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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