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

CS20-01P63-02-1

Rev. 1-2024 RoHS3 & REACH Mobile Speakers

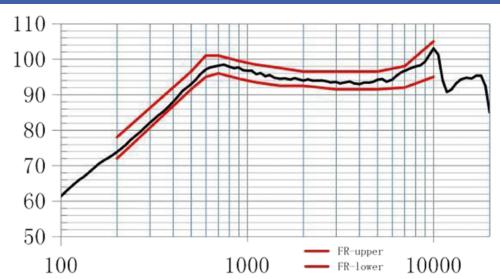


Operating Characteristics: 2.5cc Sealed Enclosure

Rated Power	1 W	
Short Term Max Power	1.5 W	
Impedance	8 Ω ± 15 % 2000 Hz; 1 W	

ACOUSTIC

ISTIC		
fo	630 ± 50 Hz	
Freq. Range	200 to 20000 Hz	
Rated SPL	94.5 ± 3 dB 2000 Hz; AVG; 1 W; 10 cm	
Distortion	See Page 2	



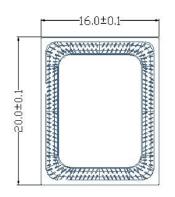
Physical Characteristics

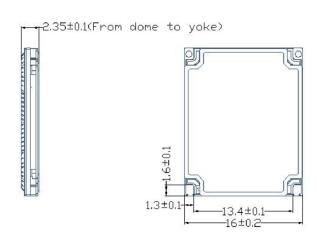
ИАТЕ	RIALS		
	Housing	PPA	
	Cone	TPEE	
	Magnet	NdFeB	
	Solder Pads	Tin Plated Stainless Steel	

TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-40 to +85 °C

Weight 3 g





General tolerance = ± 0.2 mm and all measurements in mm unless otherwise noted.

Revision	Description	Ву	Date
0-2023	Original Specification.	SK	2023-11-15
1-2024	Updated mechanical drawing. Revised solder pad offset distance from 13±0.2 to 13.4±0.1mm, solder pad length from 1.75±0.1 to 1.6±0.1mm, and solder pad width from 1.5±0.1 to 1.3±0.1mm.	SK	2024-01-03

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.

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.



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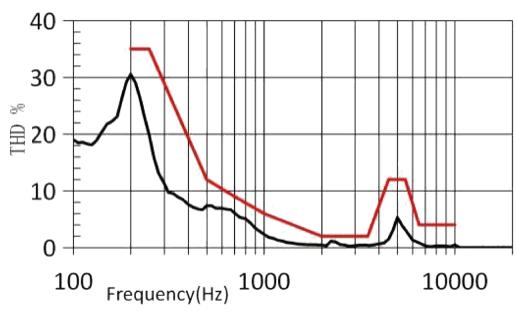
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Distortion (THD)



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