

Tel: 1-800-722-8197 1-631-595-2217 Fax: 1-631-667-5484 EMAIL: sales@challelec.com WEB: www.challengeelectronics.com ISO 9001/14001:2015 Certified

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

## CS12-00R110-02-1X

Former P/N: CS12R-0095-021

Rev. 3-2019 RoHS3 & REACH & IPX7 Mobile Speakers

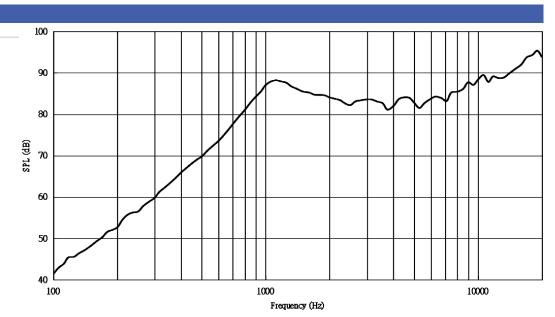


# Operating Characteristics **ELECTRICAL**

TRICAL		
Rated Power	0.5 W	
Short Term Max Power	0.75 W	
Impedance	$8 \Omega \pm 15 \%$ 2000 Hz; 0.5 W	

#### ACOUSTIC: 0.5CC Sealed Enclosure

fo	1100 Hz ± 20 % <sub>0.5 W</sub>
Freq. Range	1100 to 10000 Hz
Rated SPL	84 ± 3 dB 2000 Hz; 0.5 W; 10 cm;
Distortion	<10 % 2000 Hz; 0.5 W



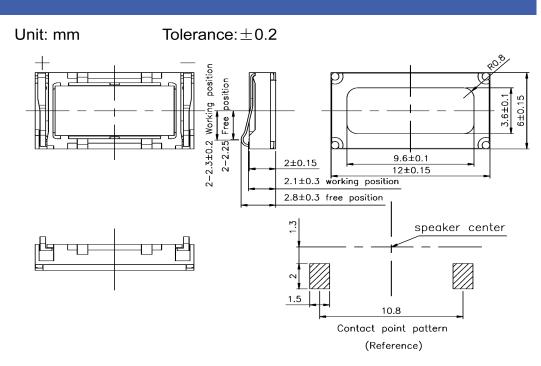
## **Physical Characteristics**

ИАТЕ	ERIALS		
	Housing	LCP	
	Cone	PEEK	
	Magnet	NdFeB	
	Spring	Stainless Steel	

### TEMPERATURE RANGES

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

Weight 0.4 g



Revision	Description	Ву	Date
2-2019	Updated rated wattage from 0.35 W to 0.5 W, maximum short term wattage from 0.7 W to 0.75 W, SPL from 8 to 84 dB, resonant frequency from 950 Hz to 1100 Hz, and distortion testing conditions.	<sup>1 dB</sup> JL	2019-04-08
3-2019	Migrate to new format.	CF	2019-06-24

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.