

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

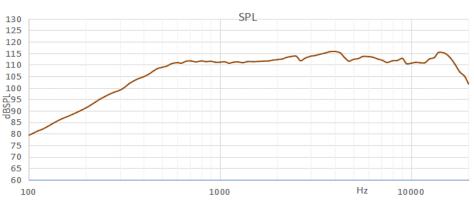
# CAC54-08P53-28-1X

Rev. 0-2025 **RoHS3 & REACH** IPX7 **Chamber Assembly** 



## **Operating Characteristics**

ELEC	TRICAL			
	Rated Power	8 W		
	Short Term Max Power	10 W		
	Impedance	$8 \Omega \pm 15 \%$ 2,000 Hz; 0.125 W	_	
ACOL	JSTIC			i i
	fo	530 Hz ± 20 % 0.125 W		_
	Freq. Range	300 to 20,000 Hz		
	Rated SPL	111 ± 3 dB		
	Test Conditions		1,180, 1,500 Hz; /; 10 cm	
	Distortion		5 % 1 Hz; 8 W	



### **Physical Characteristics**

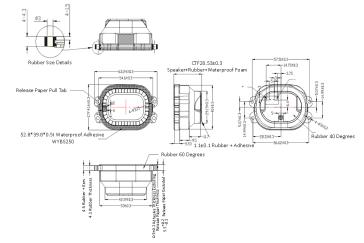
### **MATERIALS**

Speaker Box Frame	SPCC
Speaker Frame	SPCC
Diaphragm	Rubber + Carbon Fiber
Magnet	NdFeB
Solder Pad	Gold Plated Copper

#### TEMPERATURE RANGES

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

71 g Weight Speaker Part # CS50-05D32-19-1X



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

Revision	Description	Ву	Date
0-2025	Original Specification	KG	2025-11-19

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.

©2025 Challenge Electronics, Inc. Pub. 20251119151403