

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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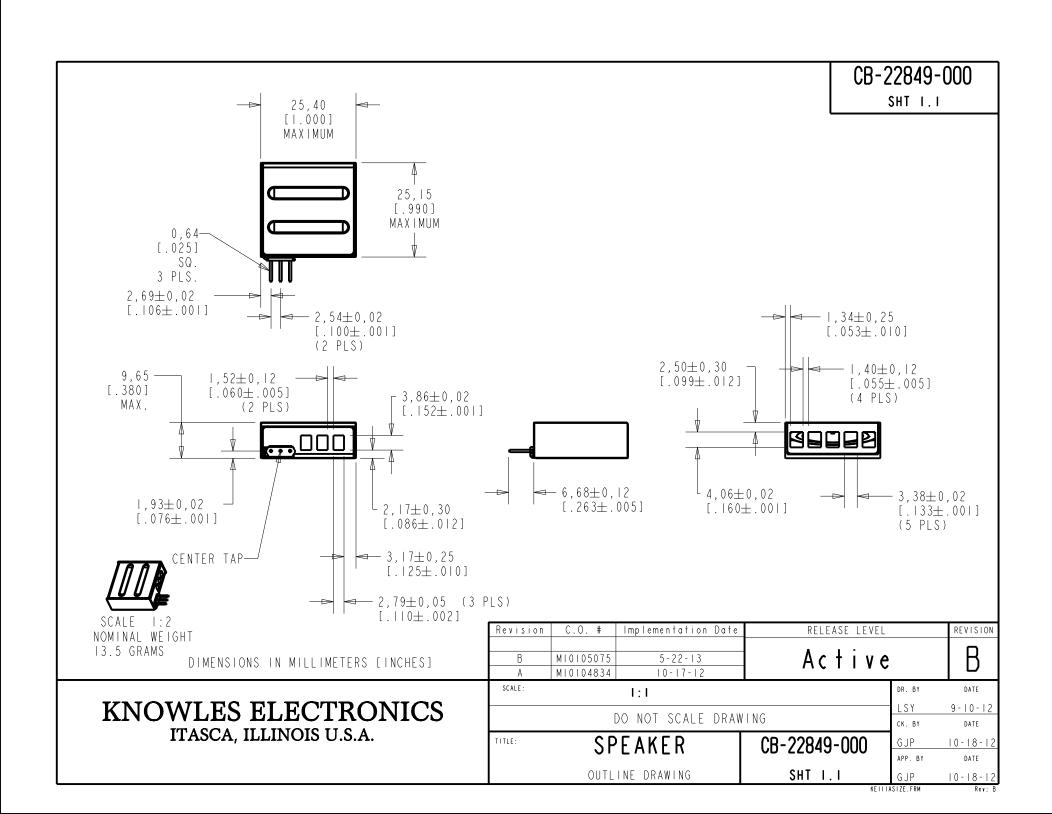
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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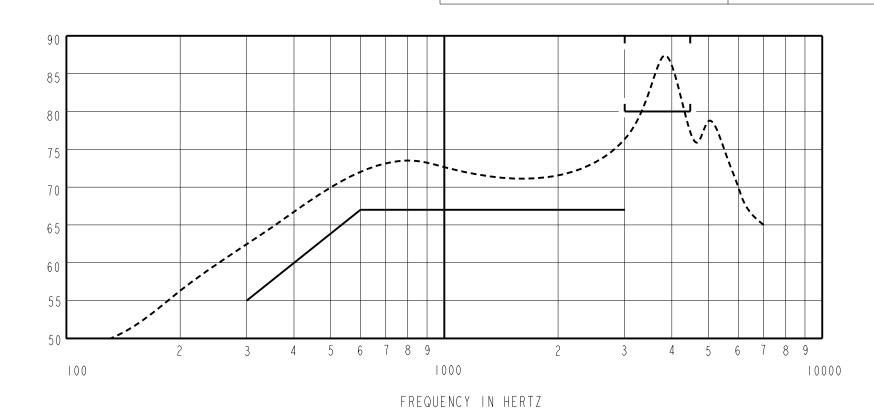








UNDAMPED



- I. SENSITIVITY IN dB RELATIVE TO $20\,\mu\text{P}\alpha$ FOR THE CONDITIONS SHOWN IN #2 & #3 BELOW.
- 2. MEASUREMENTS MADE ON AXIS AT 300mm [II.8in] NORMAL TO THE SOUND PORT UNDER FREE FIELD (ANECHOIC) CONDITIONS. THE REAR PORT IS VENTED INTO A 160 cm³ DAMPED CAVITY FOR THIS MEASUREMENT.
- 3. ELECTRICAL SIGNAL (CONSTANT VOLTAGE):
 SOURCE IMPEDANCE: < 0.5 OHMS
 VOLTAGE APPLIED: I.I VOLTS RMS
- 4. NOMINAL IMPEDANCE:

SENSITIVITY IN dB FOR CONDITIONS SHOWN BELOW.

ACOUSTICAL CONDITIONS: SEE #2 ABOVE ELECTRICAL CONDITIONS: SEE #3 ABOVE IMPEDANCE AT 500 Hz : 24 OHMS IMPEDANCE AT 1 kHz : 24 OHMS

5. TOTAL HARMONIC DISTORTION:

ACOUSTICAL CONDITIONS: SEE #2 ABOVE ELECTRICAL CONDITIONS: SEE #3 ABOVE FREQUENCY : 500 Hz DISTORTION : 15% MAX.

6. NOMINAL DC RESISTANCE @ 20°C: II.5 OHMS

7. SENSITIVITY

FREQUENCY MIN.		MAX.
300 600	55.0 67.0	
3000 3000 - 4500	67.0 80.0	90.0

Revision	C.O. #	implementation vare	KELEASE LEVEL	KEA1210M
В	MI0105075	5-22-13	Active	l K l
А	MI0I04834	10-17-12		ט

SHT 2.1

9-10-12

DATE

10-18-12 DATE

10-18-1

GJP

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION | DR. BY CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR | LSY | CK. BY |

TITLE: SPEAKER CB-22849-000 | GJP | APP BY | GAPP BY |

PERFORMANCE SPECIFICATION