

date 11/08/2011

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MODEL: CDM-16008 | DESCRIPTION: SPEAKER

#### **FEATURES**

- · metal frame
- · mylar cone





## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
diameter			16		mm
depth			3.2		mm
input power	max. power: IEC-60268-5, filter 60 s on / 120 s off, 10 cycles at room temp		0.4	0.6	W
impedance	at 2 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency	at 1 V	640	800	960	Hz
sound pressure level	0.4 W, 10 cm ave. at 1, 1.2, 1.5, 2.0 kHz 1 W, 1 m ave. at 1, 1.2, 1.5, 2.0 kHz	90 75	93 78	96 81	dB dB
response				20,000	Hz
distortion	at 1.5 kHz, 0.4 W			10	%
buzz, rattle, etc.	must be normal at sine wave 1.79 V				
operating temperature		-40		85	°C
weight			1.51		g
material	metal				
RoHS	yes				

### **SOLDERABILITY**

parameter	conditions/description
hand soldering	370 ±10°C for 3 ±1 seconds

## **MECHANICAL DRAWING**



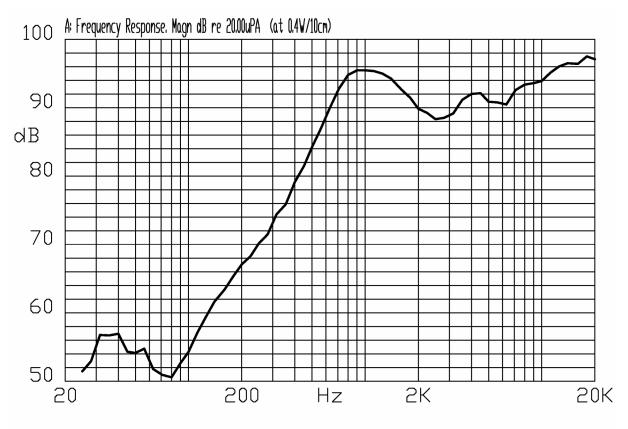
tolerance: ± 0.3mm 3.2[0.126] ±0.2 Ø16.0[0.630] **--2.1**[0.083] DATE STAMP 01(MONTH) 11(YEAR) CUI Ø10.0[0.394] 0111 Ø1.9[0.075] (8 PLCS) SCREEN SOLDERING POINT

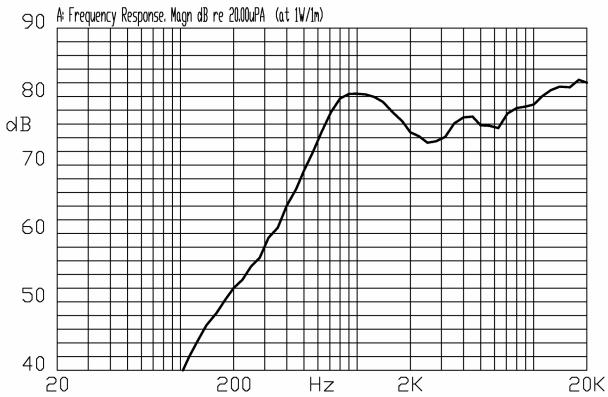
2.8[0.110]-

Ø10.3[0.406]-

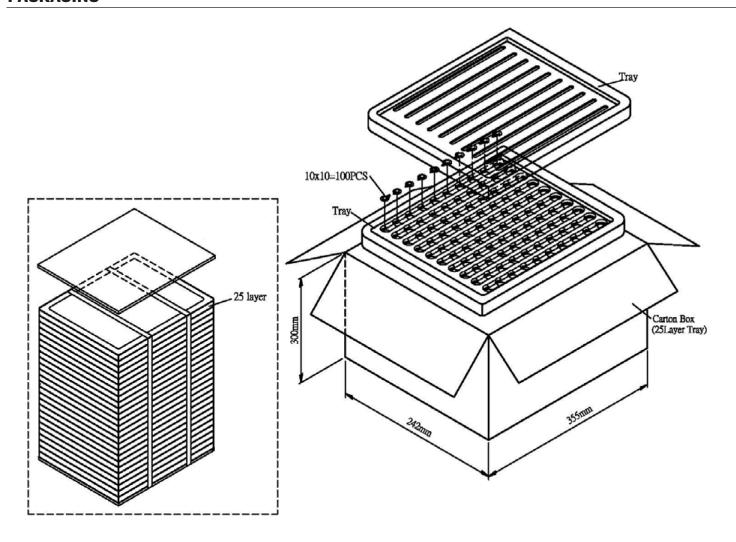
-Ø6.0[0.236]

# **FREQUENCY RESPONSE CURVE**





## **PACKAGING**



Tray	345mmx235mmx20mm	1x100PCS=100PCS
Carton Box	355mmx242mmx300mm	100PCSx25=2500PCS

### **REVISION HISTORY**

rev.	description	date
1.0	initial release	11/08/2011

The revision history provided is for informational purposes only and is believed to be accurate.



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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