


CUI INC
date 03/2009

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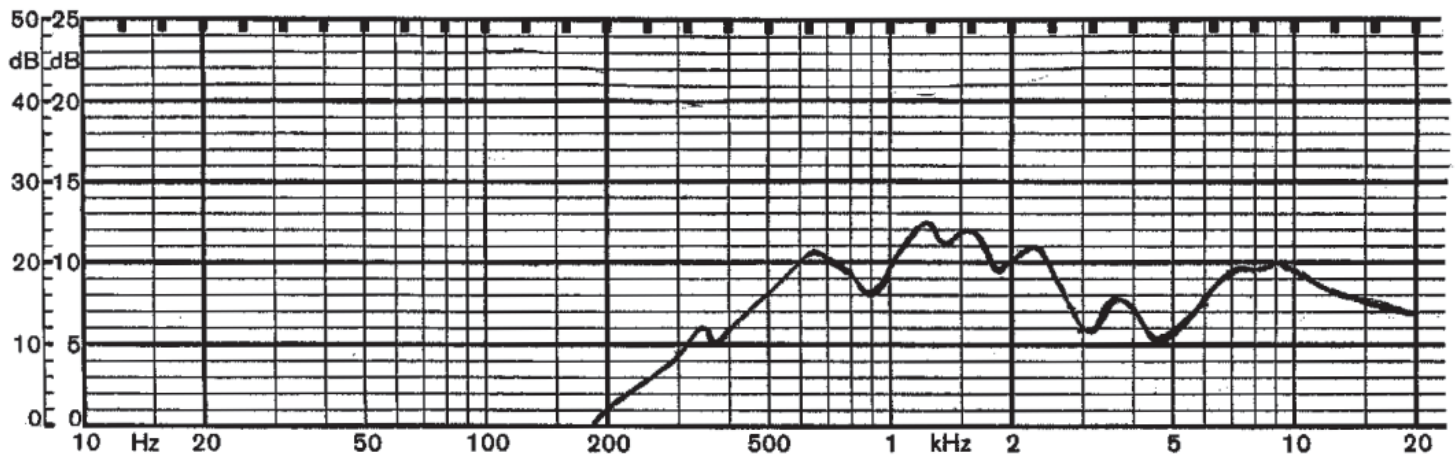
PART NUMBER: GC0351M-3
DESCRIPTION: SPEAKER

SPECIFICATIONS

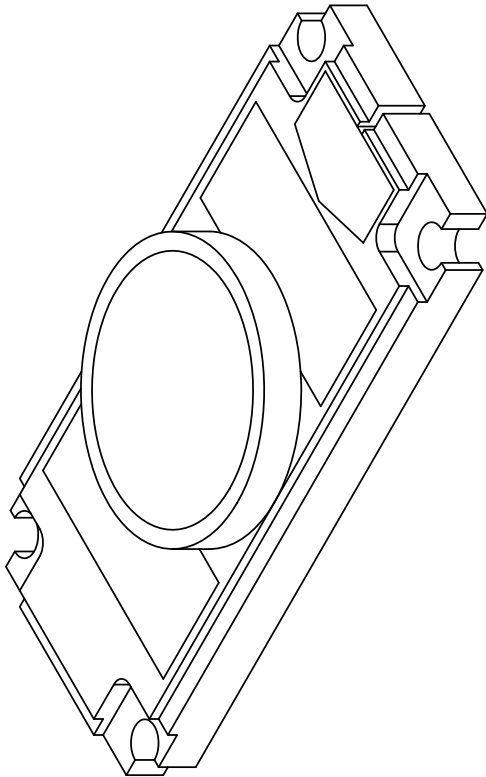
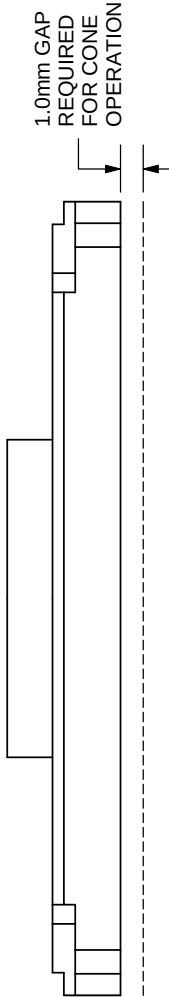
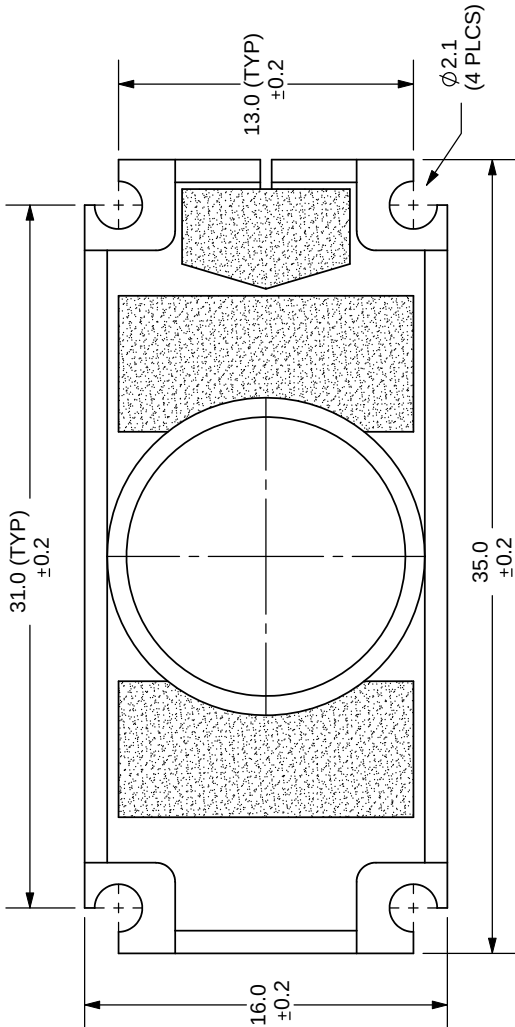
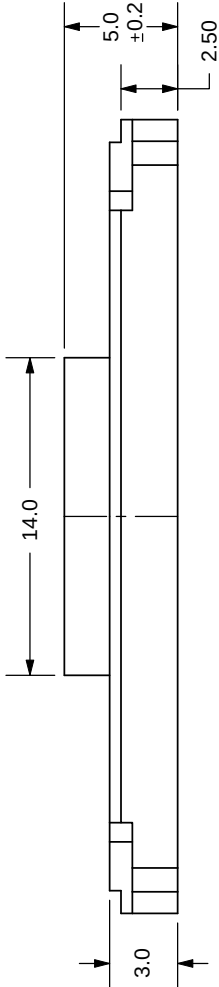
parameter	conditions/description	min	nom	max	units
nominal size	16 x 35 mm				
impedance	at 1.5 kHz, 1 V	6.8	8	9.2	Ω
resonant frequency	at 1 V	520	650	780	Hz
sound pressure level	1 W, 50 cm ave., at 0.8, 1, 1.2, 1.5k Hz	80	83	86	dB
response	10 dB max.	Fo		20,000	Hz
input power			1	1.5	W
operation	must be normal at program source		1		W
buzz, rattle, etc.	must be normal at sine wave		2.9		V dc
magnet	size: 7.9 x 1.3 mm				
load test	24 hours of white noise at		1		W
heat test	20 ~ 50% RH for 24 hours	58	60	62	$^{\circ}\text{C}$
humidity test	90 ~ 95% RH for 24 hours	38	40	42	$^{\circ}\text{C}$
RoHS	yes				

FREQUENCY RESPONSE CURVE

parameter	conditions/description
potentiometer range	50 dB
rectifier	RMS
lower limit frequency	20 Hz
wr. speed	100 mm/sec
zero level	60 dB



REV.	DESCRIPTION	DATE
A	NEW DRAWING	6/4/2007
B	cone gap diagram added	10/21/2008
C	mounting hole changed from Ø2.0 to Ø2.1mm	10/5/2010



TOLERANCE:
 $\pm 0.5\text{mm}$ UNLESS OTHERWISE
SPECIFIED



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TITLE: LOW PROFILE NOTEBOOK SPEAKER	REV: C
PART NO: GC0351M-3	UNITS: MM [INCHES]
DRAWN BY: ZRJ	APPROVED BY:
	SCALE: 3:1