

## Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)  
[CLS0301MA-L152](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**CUI INC**

**Part No: CLS0301MA-L152**

**Description: speaker**

**Date: 7/03/2007**

**Unit: mm**

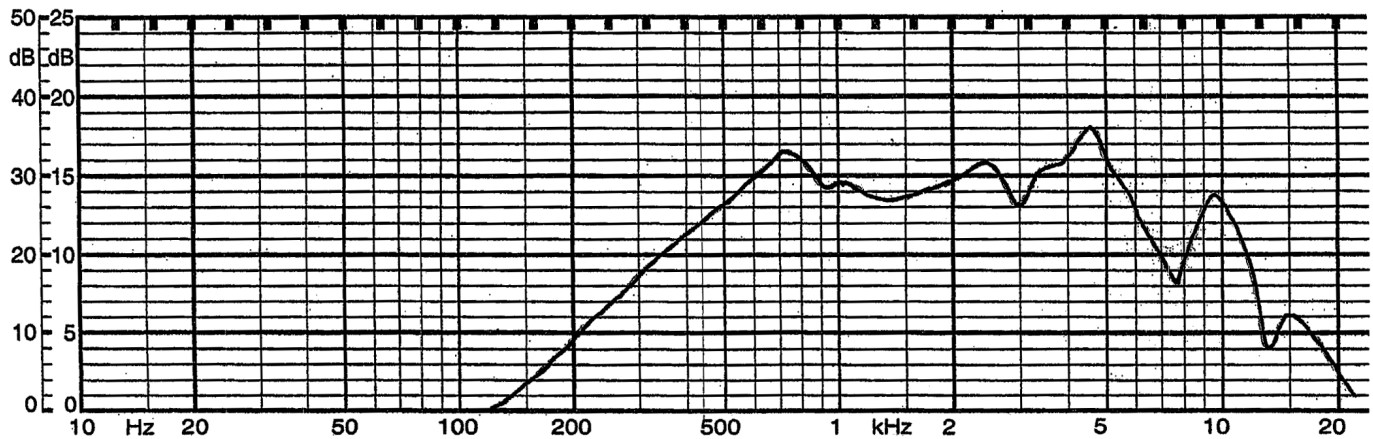
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**Specifications**

Nominal Size	30 mm		
Impedance	8 Ohm $\pm$ 15%	at	1 KHz 1 V
Resonant frequency	550 Hz $\pm$ 110 Hz	at	1 V
Sound pressure level	89 dB/w $\pm$ 3 dB	1 w 50 cm ave. at	0.8K, 1K, 1.2K, 1.5K Hz
Response	Fo Hz ~ 13 KHz max 10 dB		
Input power	Nominal 0.2 W	Handling capacity	0.4 W
Operation	must be normal at program source 0.2 W		
Buzz, rattle, etc.	must be normal at sine wave 1.26 V		
Magnet	Size: 12.5 x 1.0 mm		
Load test	White noise 0.2 W	for	24 hours
Heat test	70 $\pm$ 2° C	20-50% R.H.	24 hours
Humidity test	40 $\pm$ 2° C	90-95% R.H.	24 hours

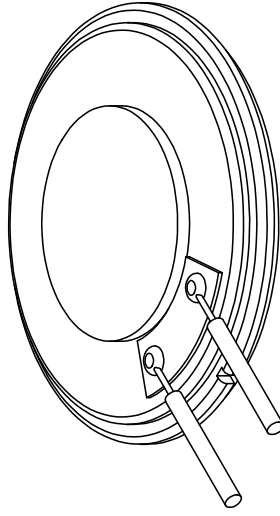
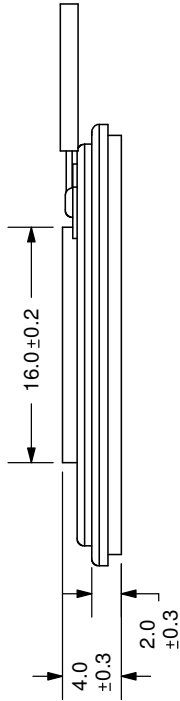
**Frequency Response Curve**

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	7/3/2007



**ROHS**

SPECIFICATIONS:  
 WIRE: UL1007, #28AWG  
 LENGTH: 152mm

TOLERANCE:  
 ±0.5mm UNLESS OTHERWISE  
 SPECIFIED



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TITLE:	LOW PROFILE SPEAKER	REV:	A
PART NO.	CLS0301MA-L152	UNITS:	MM [INCHES]
DRAWN BY:	ZRJ	APPROVED BY:	
		SCALE:	2:1

