

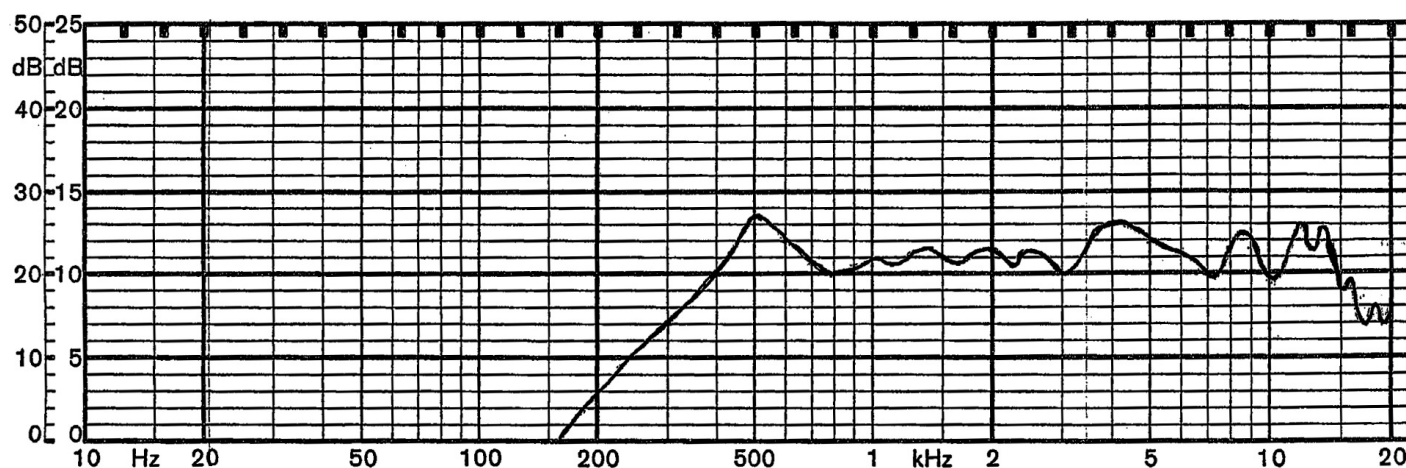
**Part No: CLS0281-L152****Date: 7/3/2007****Unit: mm****Description: speaker****Page No: 1 of 2**

Specifications

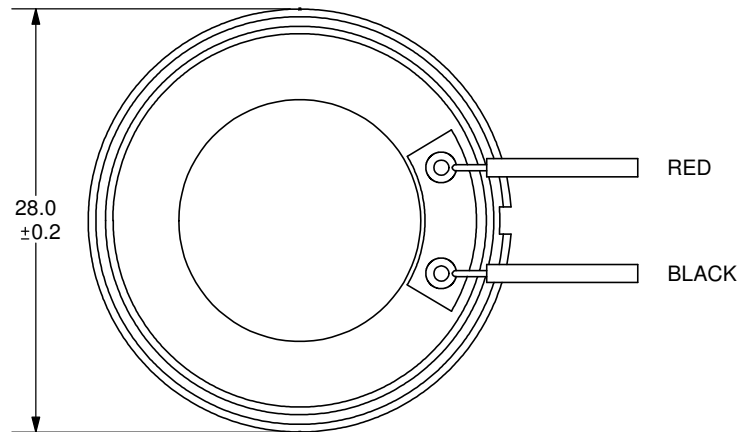
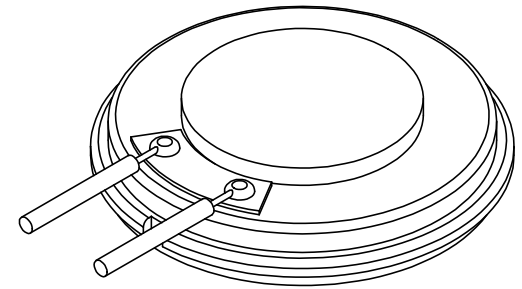
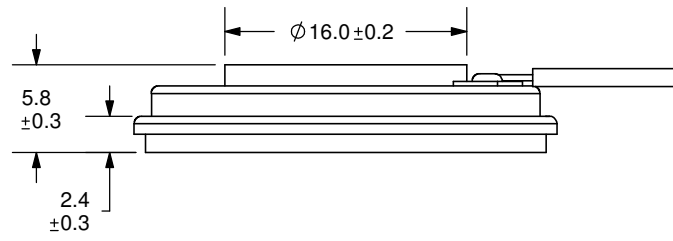
Nominal Size	28mm		
Impedance	8 Ohm $\pm$ 15%	at	1 KHz 1 V
Resonant frequency	500 Hz $\pm$ 100 Hz	at	1 V
Sound pressure level	82dB/w $\pm$ 3 dB	1 w 50 cm ave. at	0.6K, 0.8K, 1K, 1.2K Hz
Response	Fo Hz ~ 20 KHz	max	10 dB
Input power	Nominal	1 W	Handling capacity 3 W
Operation	must be normal at program source 1 W		
Buzz, rattle, etc.	must be normal at sine wave 2.83 V		
Magnet	Size: 12.5 x 1.5 mm		
Load test	White noise	1 W	for 24 hours
Heat test	60 $\pm$ 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



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

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



CUI INC

20050 SW 112th Ave.
Tualatin, OR 97062
Phone: 503-612-2300
800-275-4899
Fax: 503-612-2383
Website: www.cui.com

TITLE: LOW PROFILE SPEAKER		REV: A
PART NO. CLS0281-L152	UNITS: MM [INCHES]	
DRAWN BY: ZRJ	APPROVED BY:	SCALE: 2:1

Mouser Electronics

Authorized Distributor

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