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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CUI INC®

SERIES: CMS-151125-076X-67 | **DESCRIPTION:** SPEAKER

FEATURES

- IP67 rated face
- protection against dust and water ingression
- micro-speaker
- 2.5 mm height
- 3 available contact methods

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	max power: as per IEC-268-5, in 1 cc box		0.7	1.0	W
impedance	at 2.0 kHz, 2.05 Vrms	4.8	6	7.2	Ω
coil resistance		4.86	5.4	5.94	Ω
resonant frequency (Fo)	at 1.0 Vrms in free air, 10 cm at 2.05 Vrms in 1 cc box, 10 cm	440 680	550 850	660 1,020	Hz Hz
frequency response		100		20,000	Hz
sound pressure level	at 0.7 W, 10 cm, avg 0.8, 1.0, 1.5, 2.0 kHz, 1 cc box	89.5	92.5	95.5	dB
distortion	at 800~1,200 Hz, 2.05 Vrms, 10 cm at 1,201~5,000 Hz, 2.05 Vrms, 10 cm			15 10	% %
buzz, rattle, etc.	must be normal at sine wave, 0.2~2 kHz, 1 cc box			2.05	Vrms
polarity	cone moves forward w/ positive dc current to "+" terminal				
dimensions	15 x 11 x 2.5				mm
magnet	Nd-Fe-B				
cone material	mylar				
weight			1.5		g
operating temperature		-20		70	°C
storage temperature		-40		85	°C
hand soldering	for maximum 3 seconds (N/A for spring contacts)			380	°C
RoHS	yes				
IP level	IP67 (front side)				

Notes: 1. All specifications measured at 15~35°C, humidity at 25~75%, under 86~106 kPa pressure, unless otherwise noted.

PART NUMBER KEY

CMS-151125-076 **XX** - 67

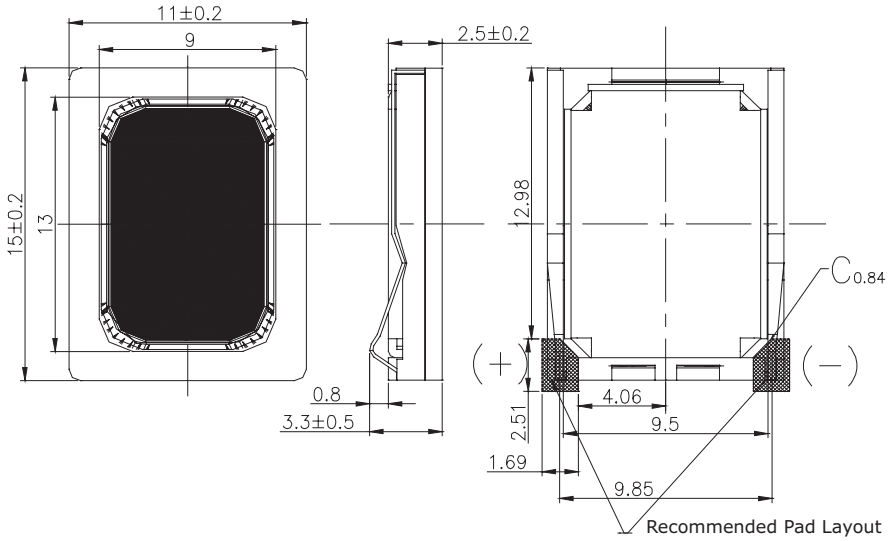
Base Number

Termination Options:
S = spring contacts
SP = solder pads
L100 = wire leads

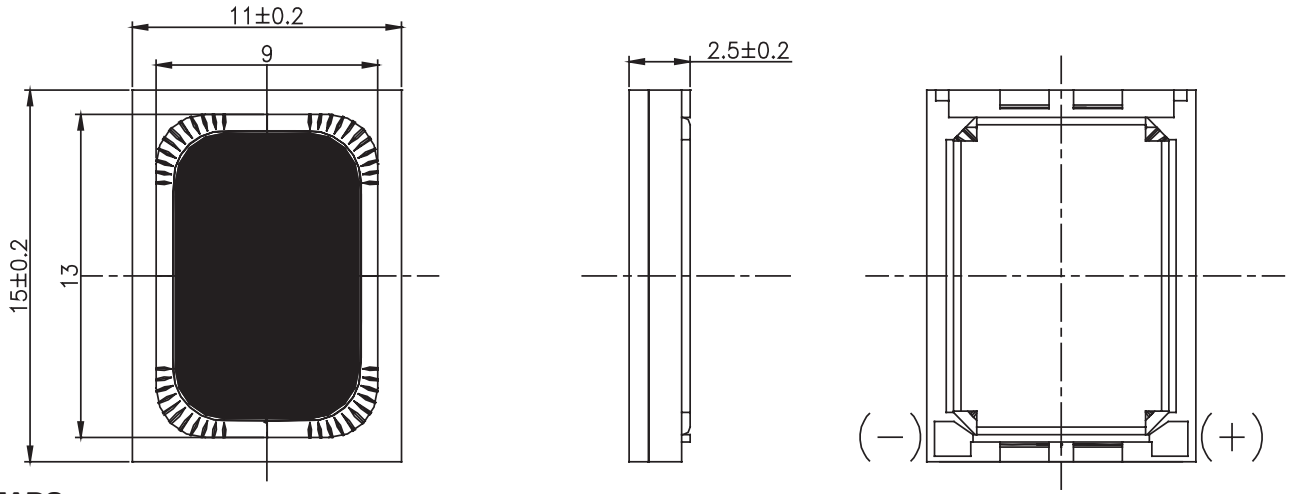
MECHANICAL DRAWINGS

units: mm
tolerance: ±0.2 mm

SPRING CONTACTS

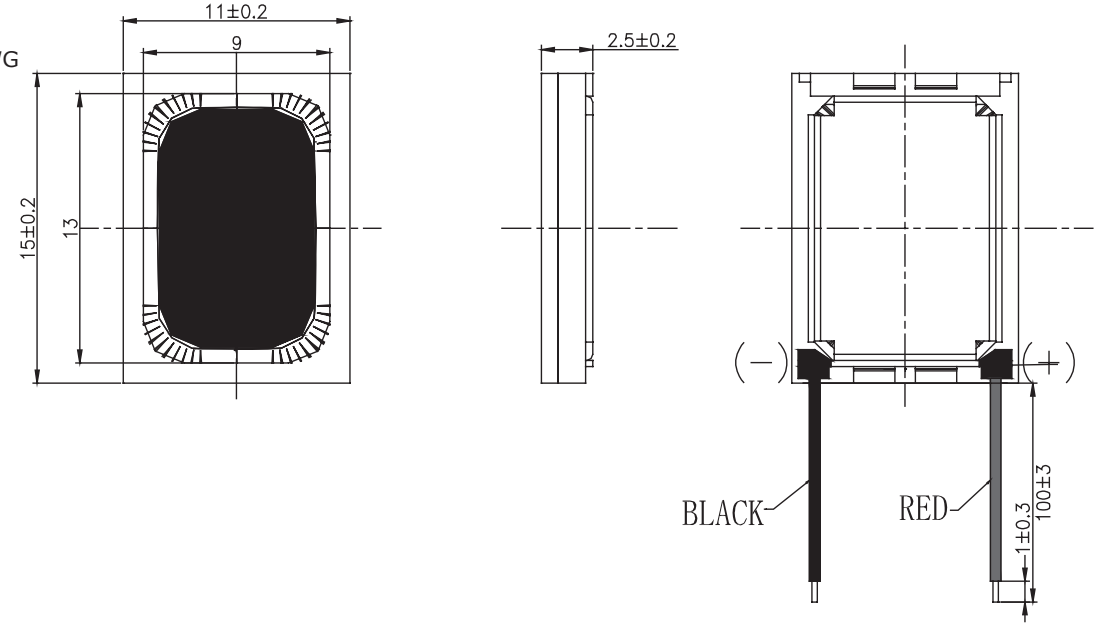


SOLDER PADS



WIRE LEADS

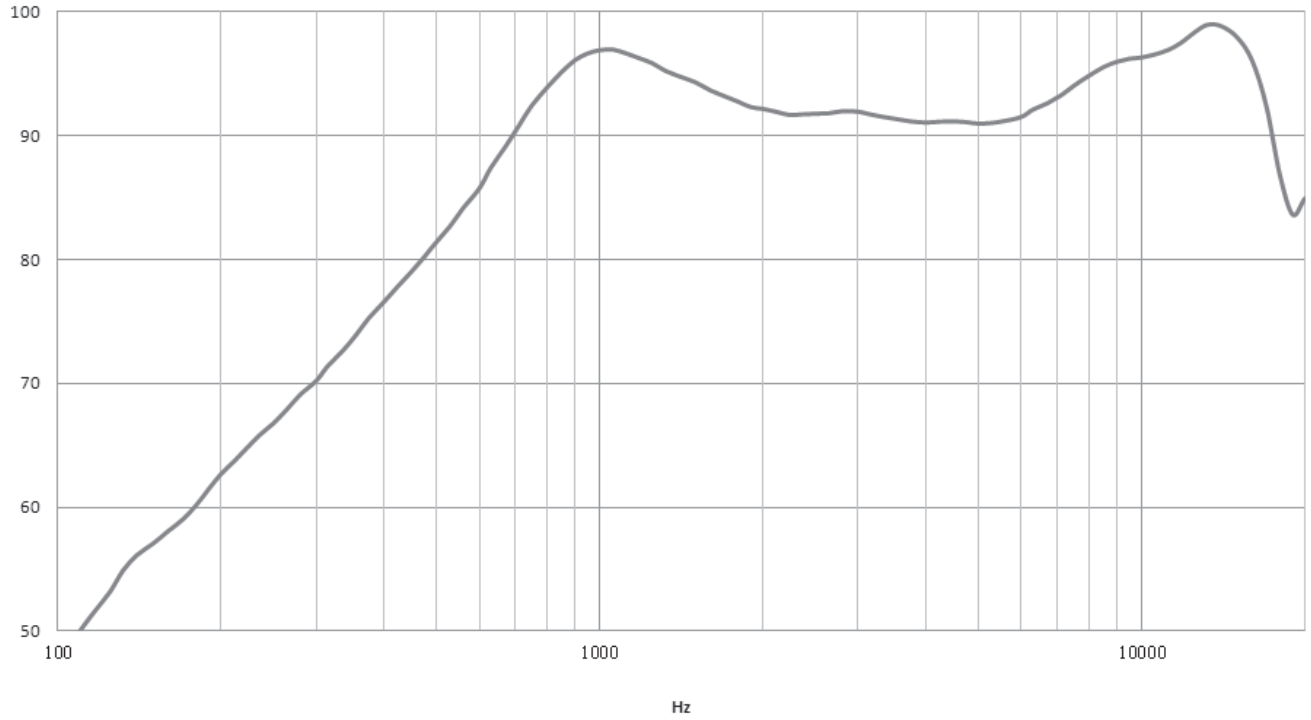
wire: UL1571 32 AWG



RESPONSE CURVES

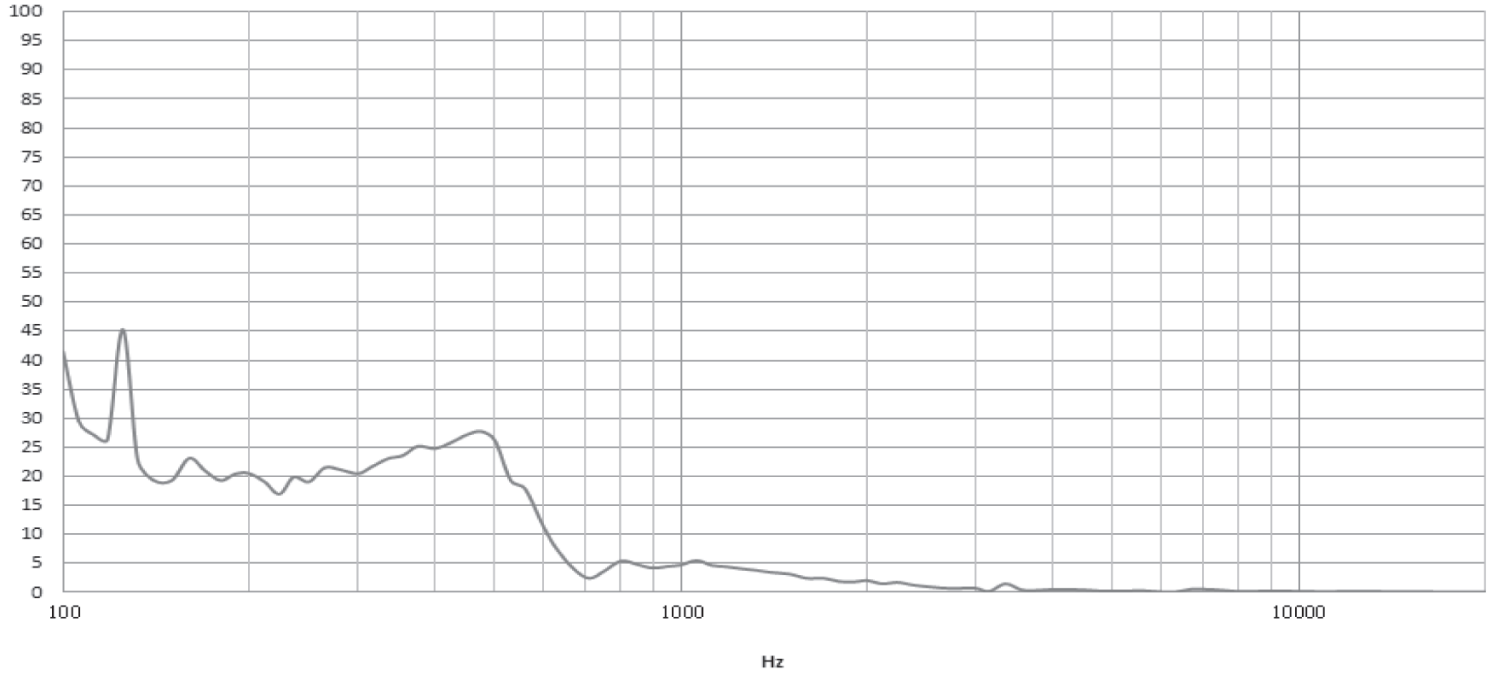
Frequency Response Curve

Test Conditions: 2.05 Vrms / 10 cm in 1 cc box



Total Harmonic Distortion Curve

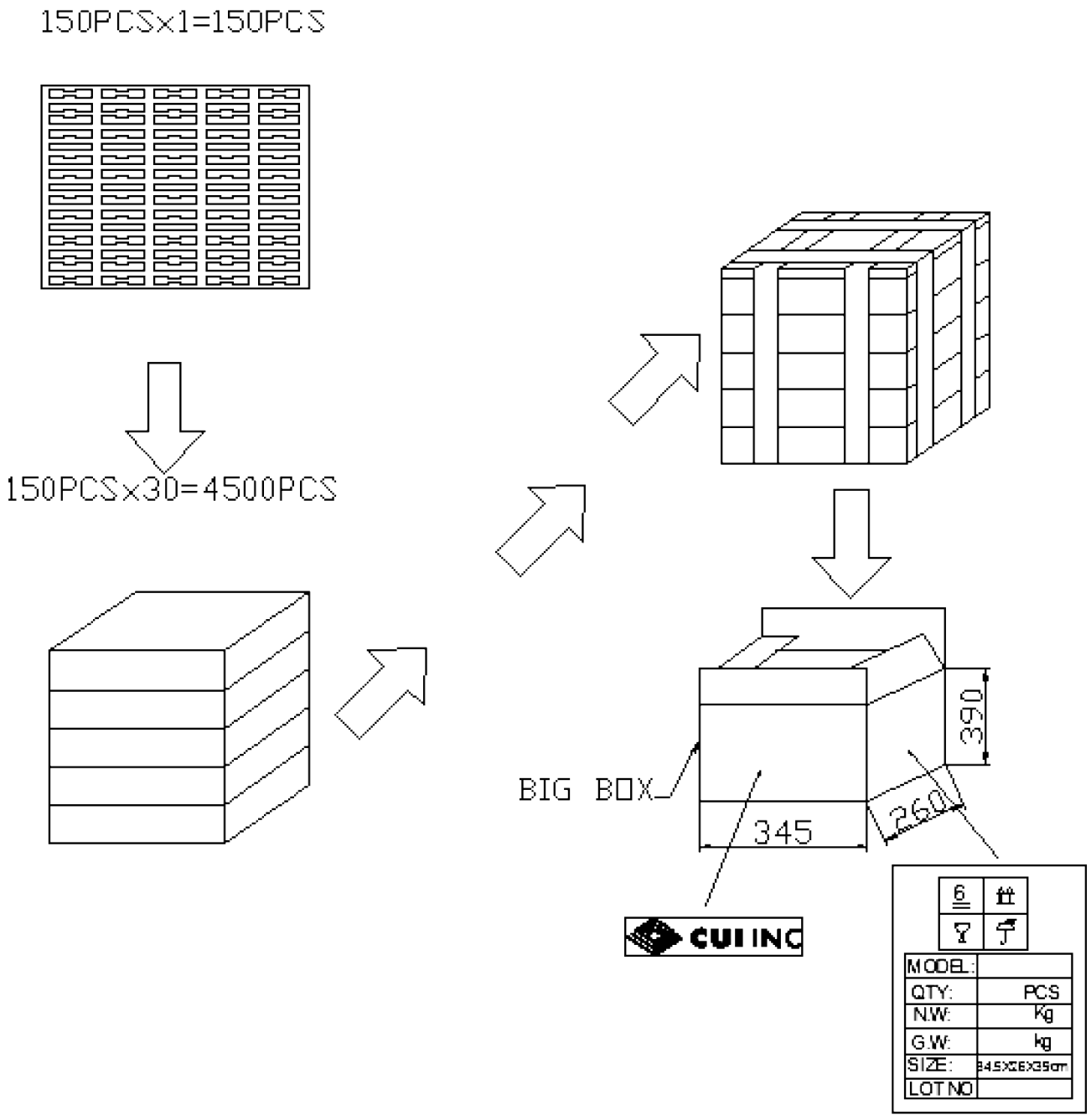
Test Conditions: 2.05 Vrms / 10 cm in 1 cc box



PACKAGING

units: mm

Tray QTY: 150 pcs per tray
Carton Size: 345 x 260 x 390 mm
Carton QTY: 4,500 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	07/23/2018

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

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