



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!



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MODEL: CEP-1153 | DESCRIPTION: PIEZO BUZZER TRANSDUCER
FEATURES

- piezo transducer
- 30 Vp-p operating voltage
- wide operating temperature range


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				30	Vp-p
current consumption	at 10Vp-p, 4,000 Hz square wave			7	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, 10Vp-p, 4,000 Hz square wave	82			dB
electrostatic capacity	at 100 Hz/1 V	9,800	14,000	18,200	pF
dimensions	Ø17.0 x 7.6				mm
weight				3.4	g
material	PBT+15% GF (black)				
terminal	pin type (Au plating)				
operating temperature		-30		105	°C
storage temperature		-40		105	°C
RoHS	2011/65/EU				

Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106kPa pressure, unless otherwise noted.

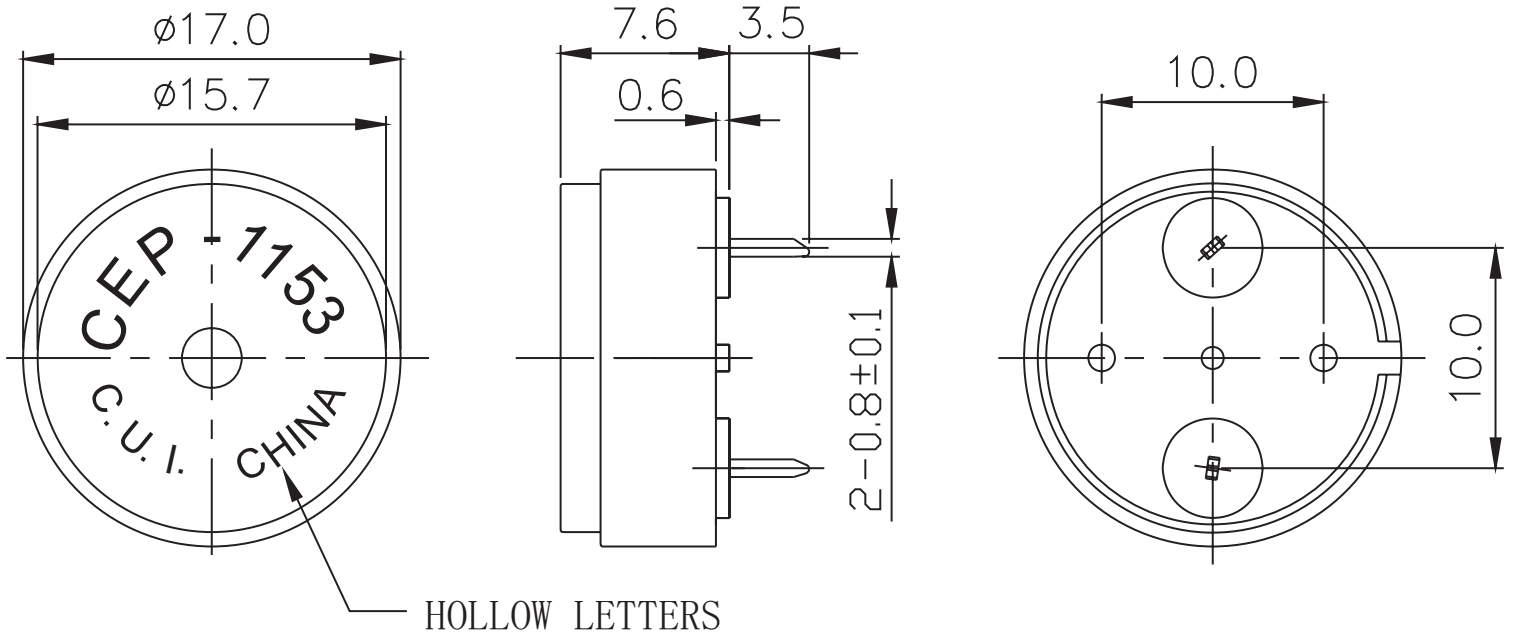
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering ²	for maximum 2 seconds	330		380	°C

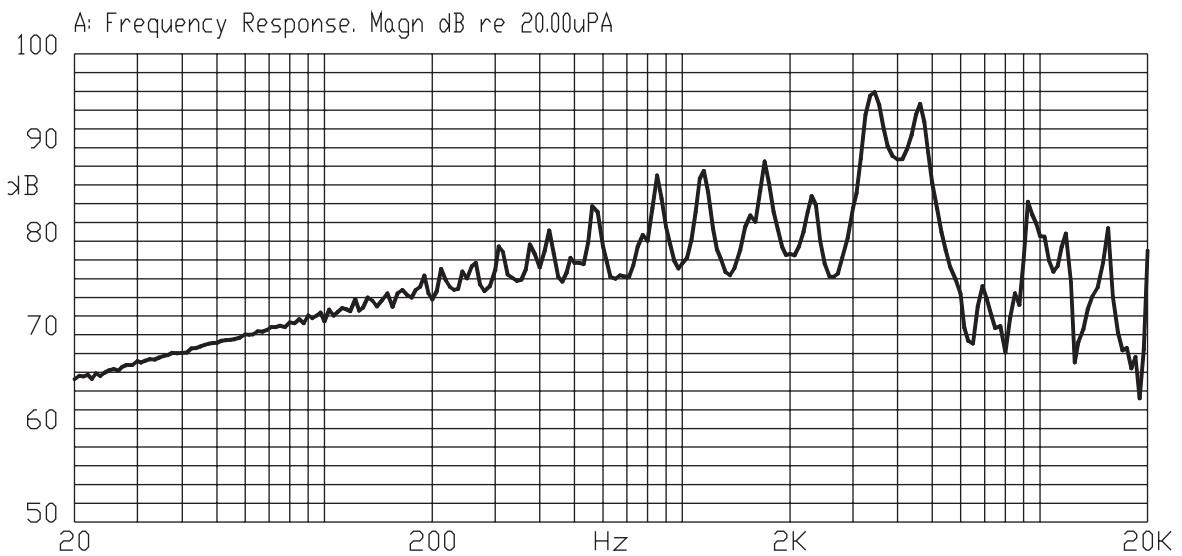
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	05/11/2006
1.01	housing appearance modified, applied new spec template	05/15/2015

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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CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.