CUI INC®

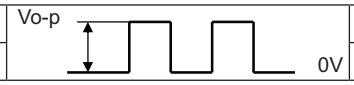
MODEL: CST-931AP | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES

- top port
- 85 db SPL minimum
- externally driven

RoHS

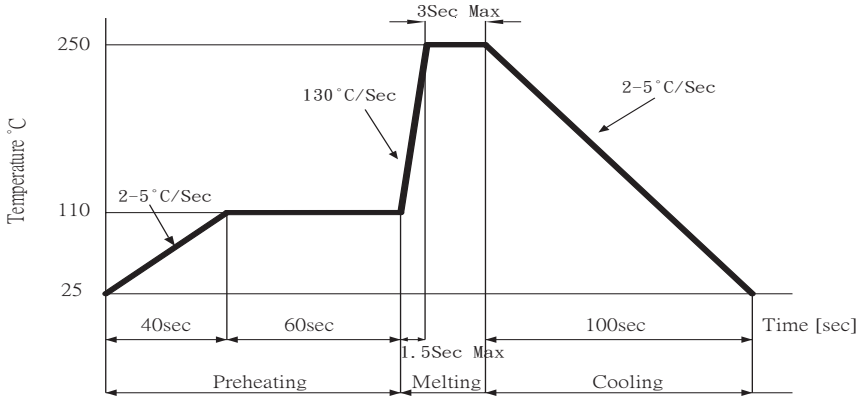
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			3.0		Vo-p
operating voltage		2.0		4.0	Vo-p
current consumption	at rated voltage, 2,730 Hz square wave, ½ duty			80	mA
rated frequency			2,730		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,730 Hz square wave, ½ duty	85	92		dBA
coil resistance		12.7	15.0	17.3	Ω
dimensions	Ø9.0 x 4.5				mm
weight			0.60		g
material	PPO				
terminal	pin type (Au plating)				
operating temperature		-20		60	°C
storage temperature		-30		70	°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.

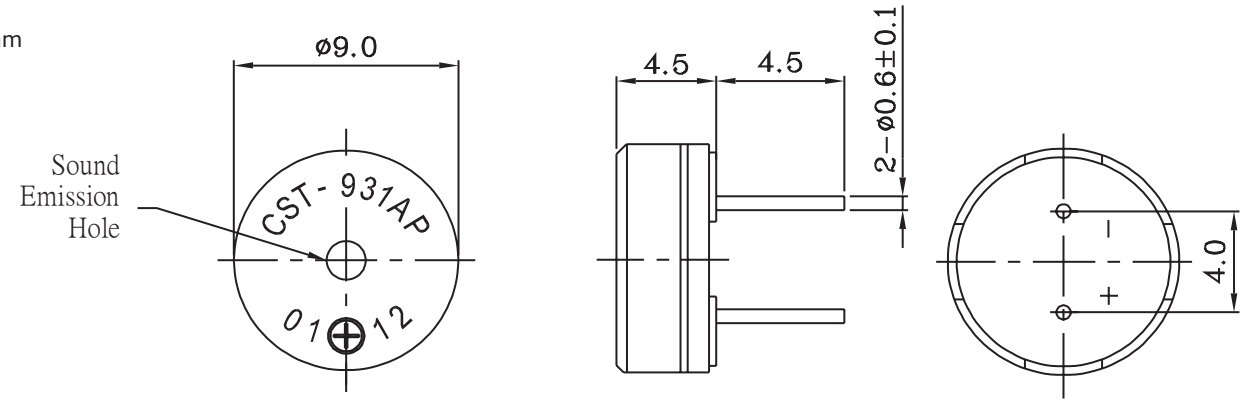
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	see wave soldering profile			250	°C

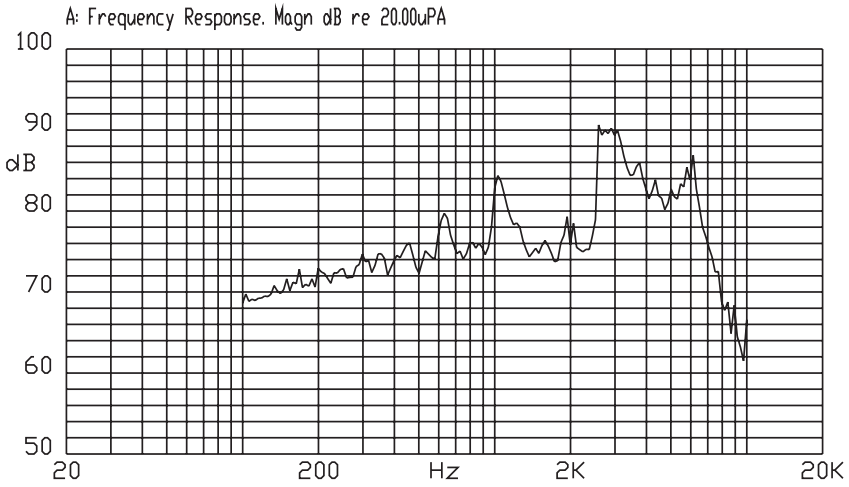


MECHANICAL DRAWING

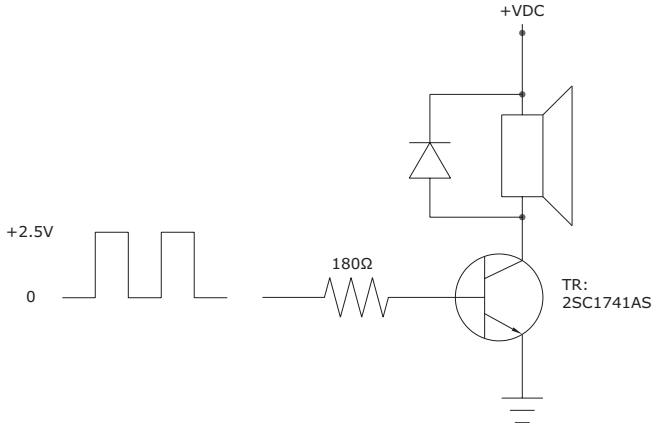
units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



MEASUREMENT METHOD



REVISION HISTORY

rev.	description	date
1.0	initial release	01/30/2006
1.01	applied new spec template	01/14/2016

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

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