

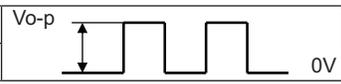
**MODEL:** CST-931AP | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

**FEATURES**

- top port
- 85 db SPL minimum
- externally driven



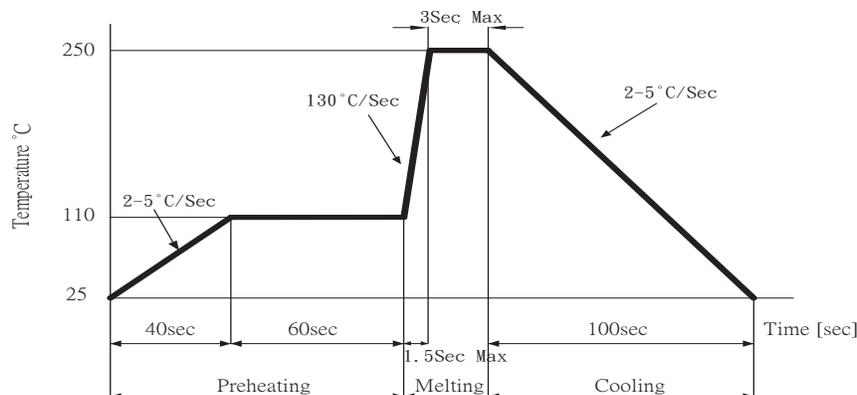
**SPECIFICATIONS**

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, 1/2 duty			80	mA
rated frequency			2,730		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,730 Hz square wave, 1/2 duty	85	92		dba
coil resistance		12.7	15.0	17.3	$\Omega$
dimensions	$\varnothing 9.0 \times 4.5$				mm
weight			0.60		g
material	PPO				
terminal	pin type (Au plating)				
operating temperature		-20		60	$^{\circ}\text{C}$
storage temperature		-30		70	$^{\circ}\text{C}$
RoHS	2011/65/EU				

Notes: 1. All specifications measured at 5~35 $^{\circ}\text{C}$ , humidity at 45~85%, under 86~106kPa pressure, unless otherwise noted.

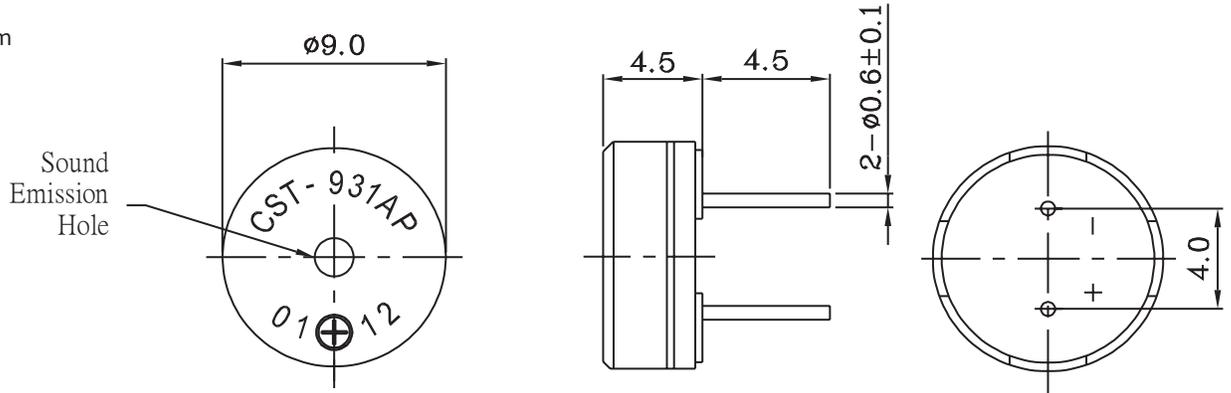
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	see wave soldering profile			250	$^{\circ}\text{C}$

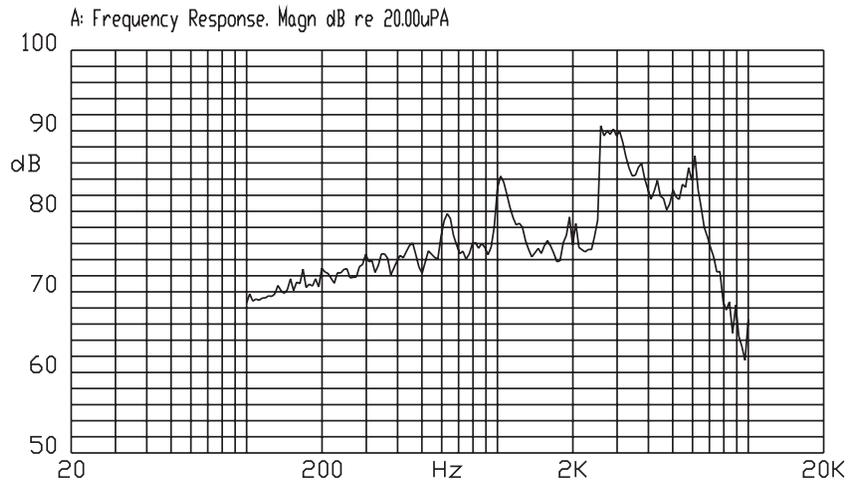


## MECHANICAL DRAWING

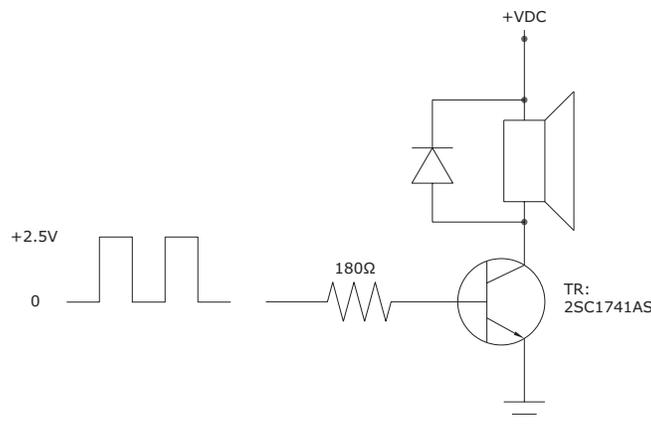
units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



## MEASUREMENT METHOD



## REVISION HISTORY

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<b>rev.</b>	<b>description</b>	<b>date</b>
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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