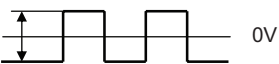


**MODEL:** CPT-1786-3TH | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER**FEATURES**

- no driving circuit
- piezo
- through hole

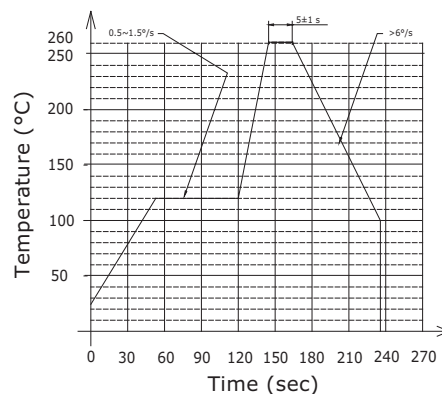
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	V _{p-p} 		3		V _{p-p}
operating voltage		3		25	V _{p-p}
current consumption	at rated voltage, 2,000 Hz, ½ duty square wave			5	mA
rated frequency			2,000		Hz
sound pressure level	at 10 cm, rated voltage, 2,000 Hz, ½ duty square wave	70			dB
tone	single				
electrostatic capacitance	at 120 Hz	17,500	25,000	32,500	pF
dimensions	Ø17 x 8.6				mm
weight			1.0		g
material	PBT (black)				
terminal	pins (phosphor bronze with tin plating)				
operating temperature		-30		70	°C
storage temperature		-40		85	°C
washable	no				
RoHS	yes				

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

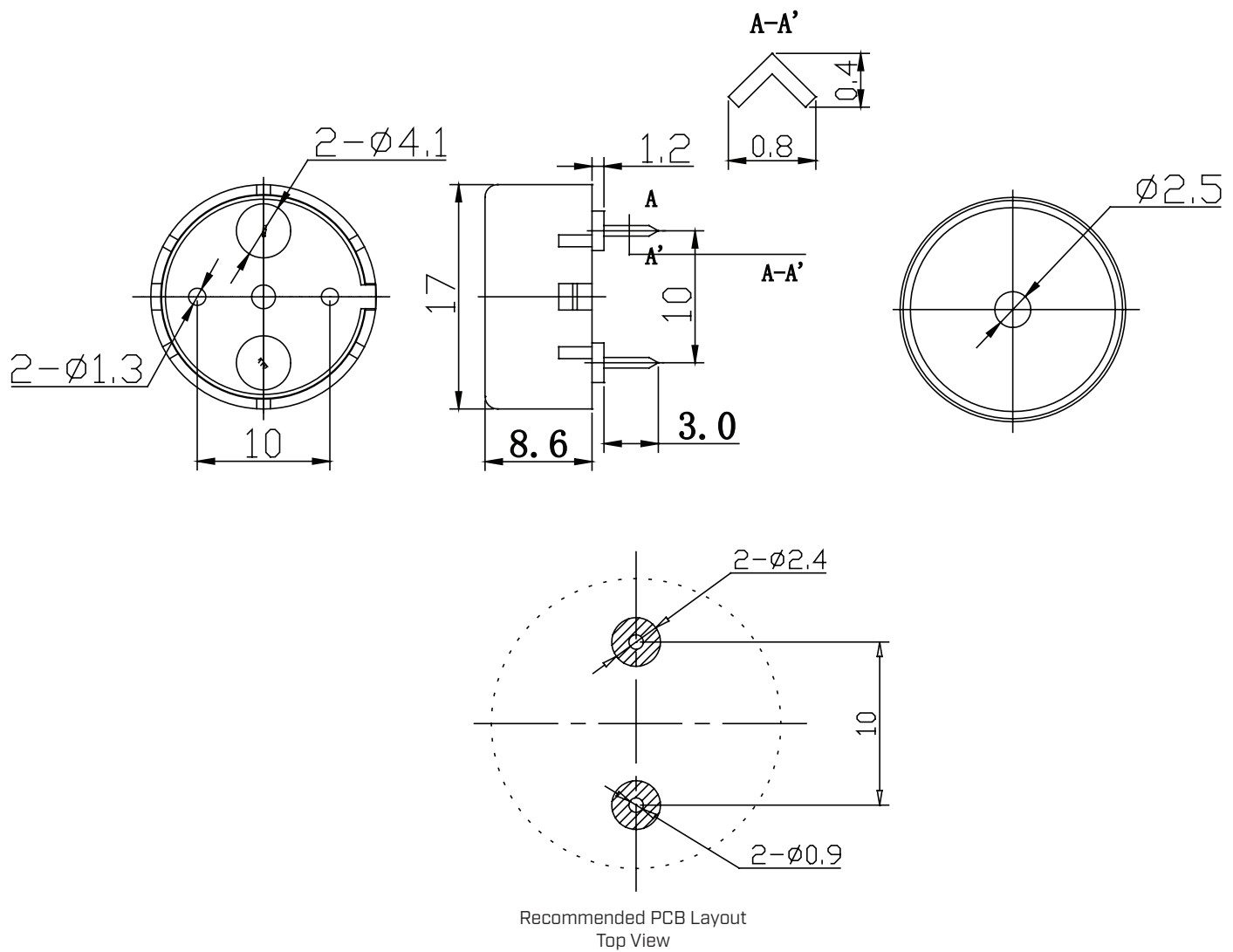
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	see wave soldering profile			260	°C

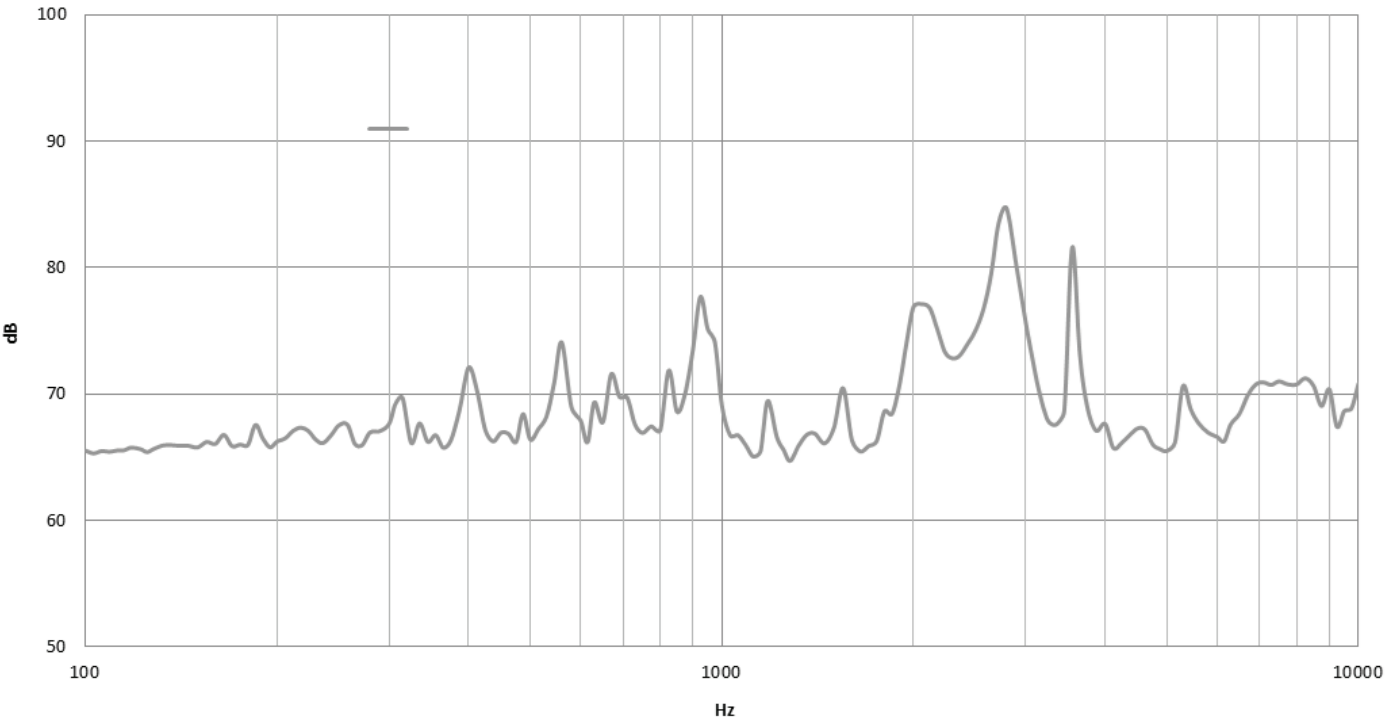


MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	03/20/2026

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



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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Same Sky 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.

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