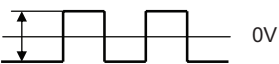


**MODEL:** CPT-5115-12TH | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER**FEATURES**

- no driving circuit
- piezo
- 105dB @ 0.1m

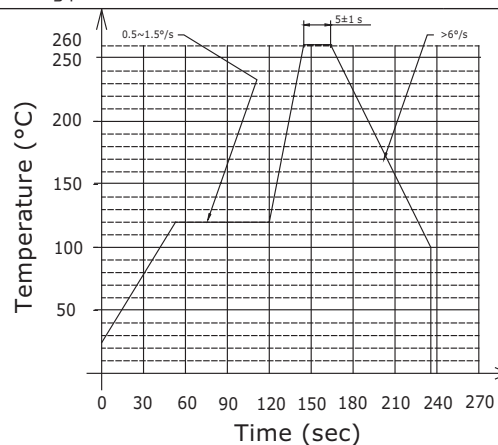
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vp-p
operating voltage		1		60	Vp-p
current consumption	at rated voltage, 3,500 Hz, ½ duty square wave			15	mA
rated frequency		2,000	3,500	4,000	Hz
sound pressure level	at 10 cm, rated voltage, 3,500 Hz, ½ duty square wave	105			dB
electrostatic capacitance	at 120 Hz	49,000	70,000	91,000	pF
dimensions	Ø51.5 x 15.2				mm
weight			14.0		g
material	PA6 (black)				
terminal	pins (copper with tin plating)				
operating temperature		-40		85	°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.

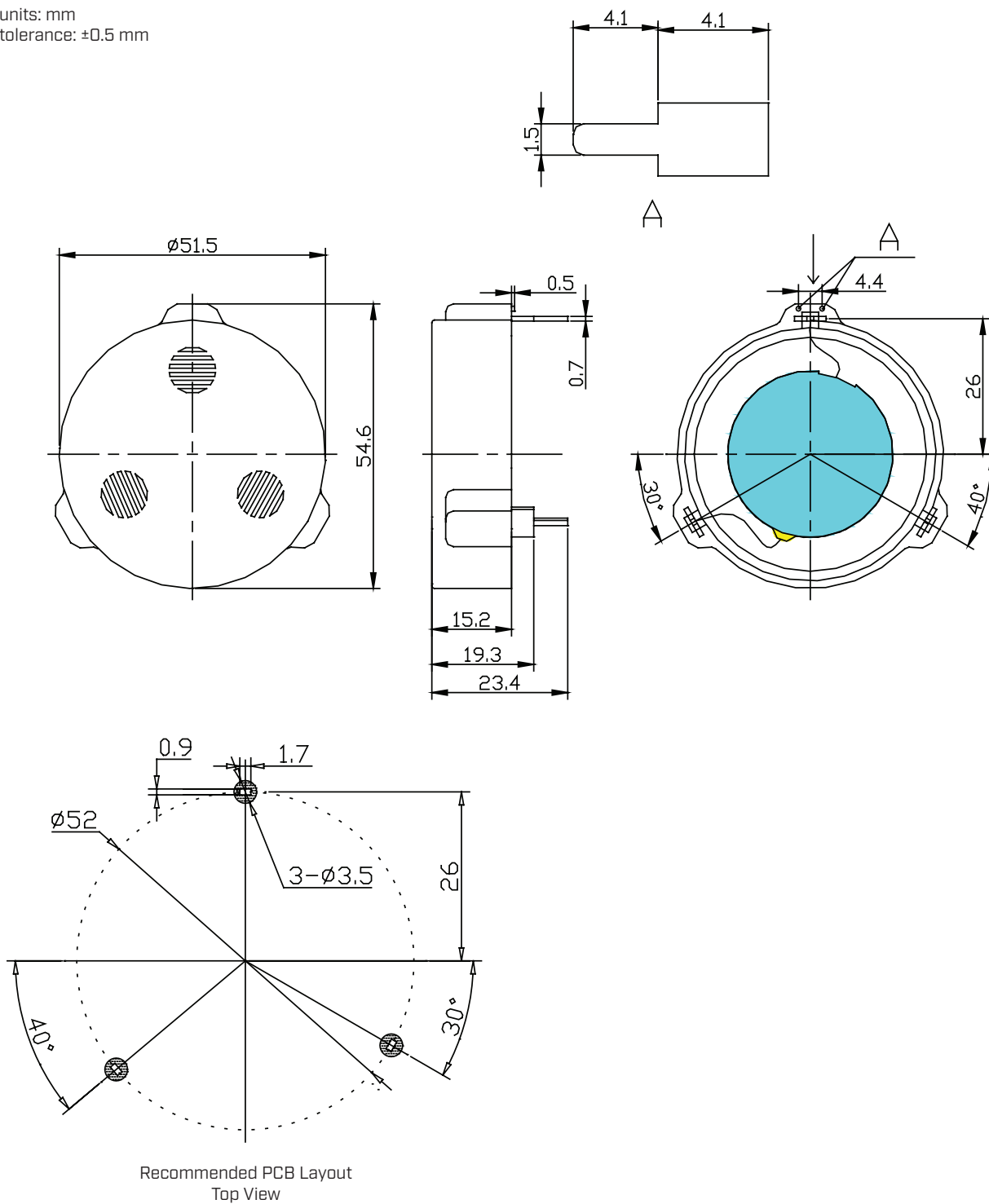
SOLDERABILITY

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

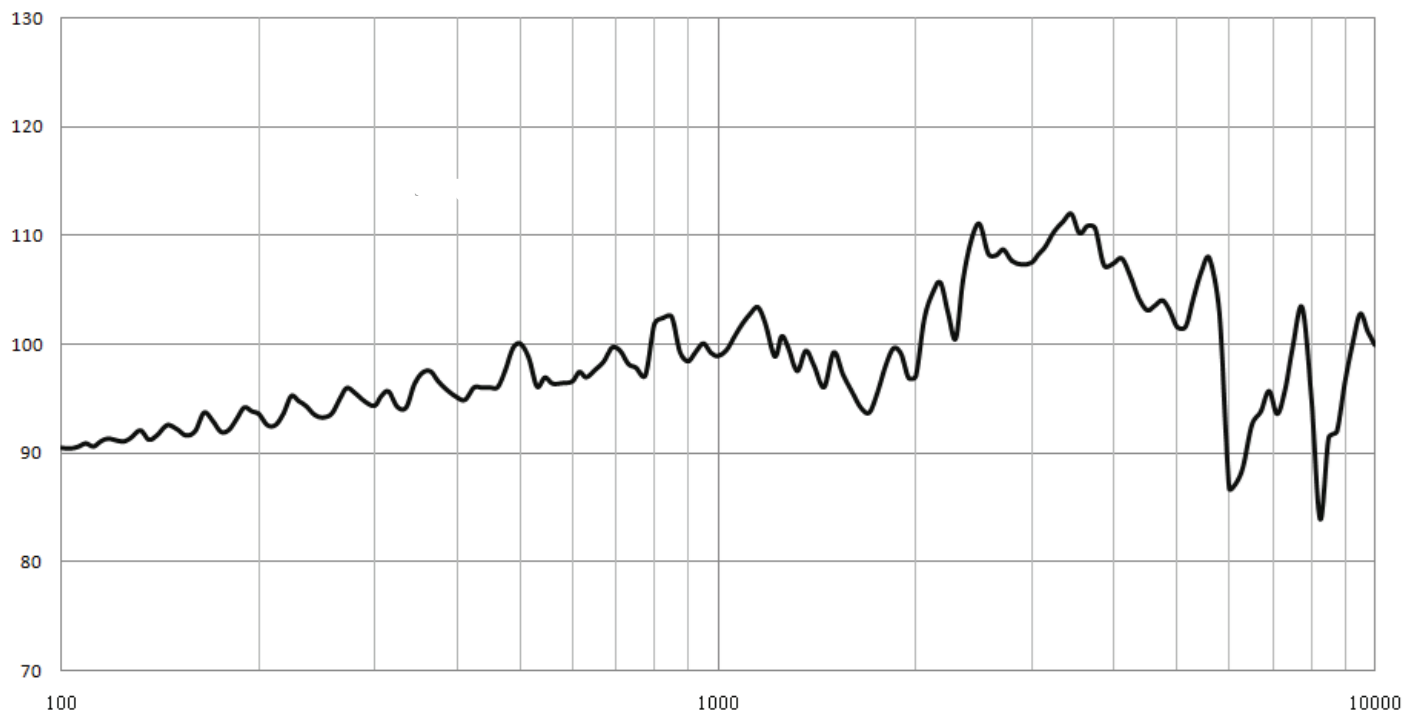


MECHANICAL DRAWING

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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