

**MODEL:** CMT-8504TP-SMT-TR | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- no driving circuit
- magnetic
- top sound port

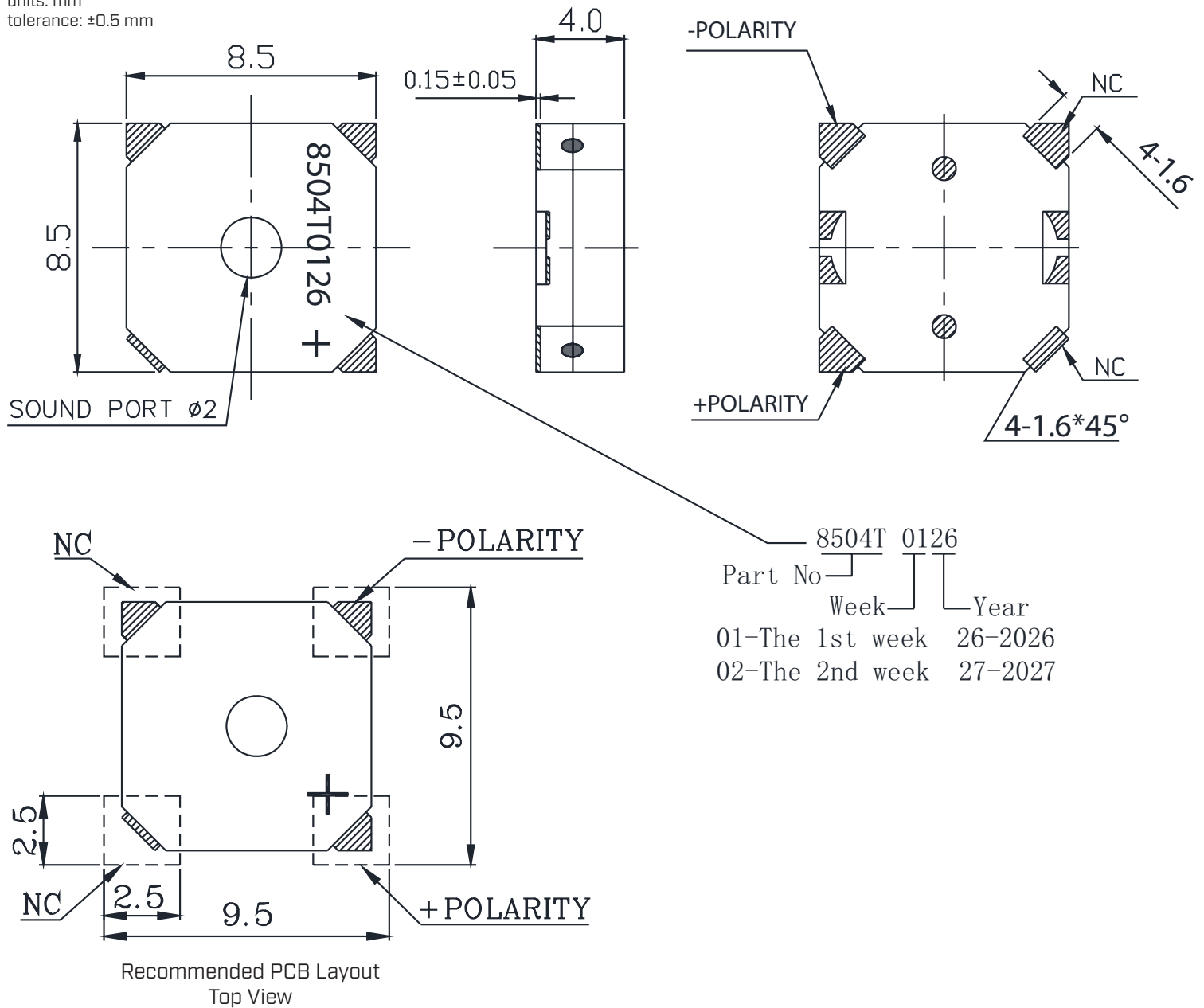
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	 Vo-p		3.6		Vo-p
operating voltage		2.5		4.5	Vo-p
current consumption	at rated voltage, 2,730 Hz, ½ duty square wave			100	mA
rated frequency			2,730		Hz
sound pressure level	at 10 cm, rated voltage, 2,730 Hz, ½ duty square wave	87			dBA
coil resistance		13	16	19	Ω
dimensions	8.5 x 8.5 x 4.0				mm
weight			0.4		g
material	LCP (black)				
terminal	surface mount (tin plating)				
operating temperature		-40		85	°C
storage temperature		-40		85	°C
washable	no				
RoHS	yes				

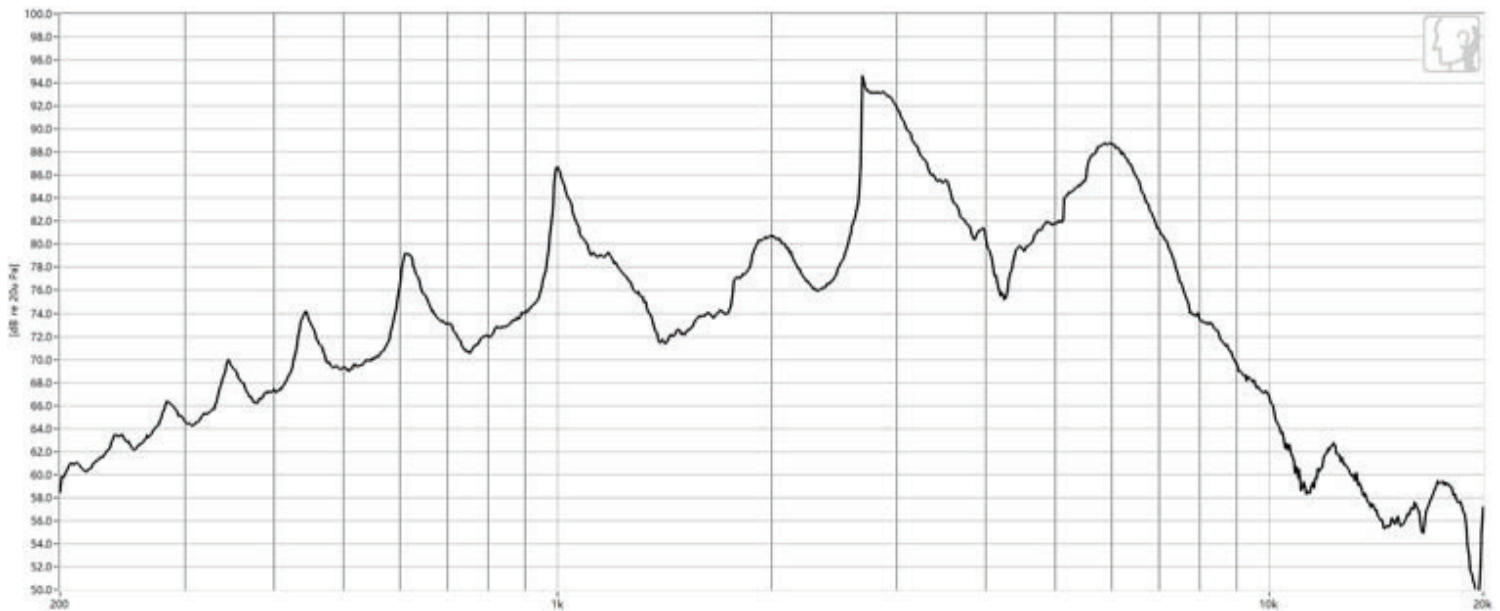
Notes: 1. All specifications measured at 5-35 °C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

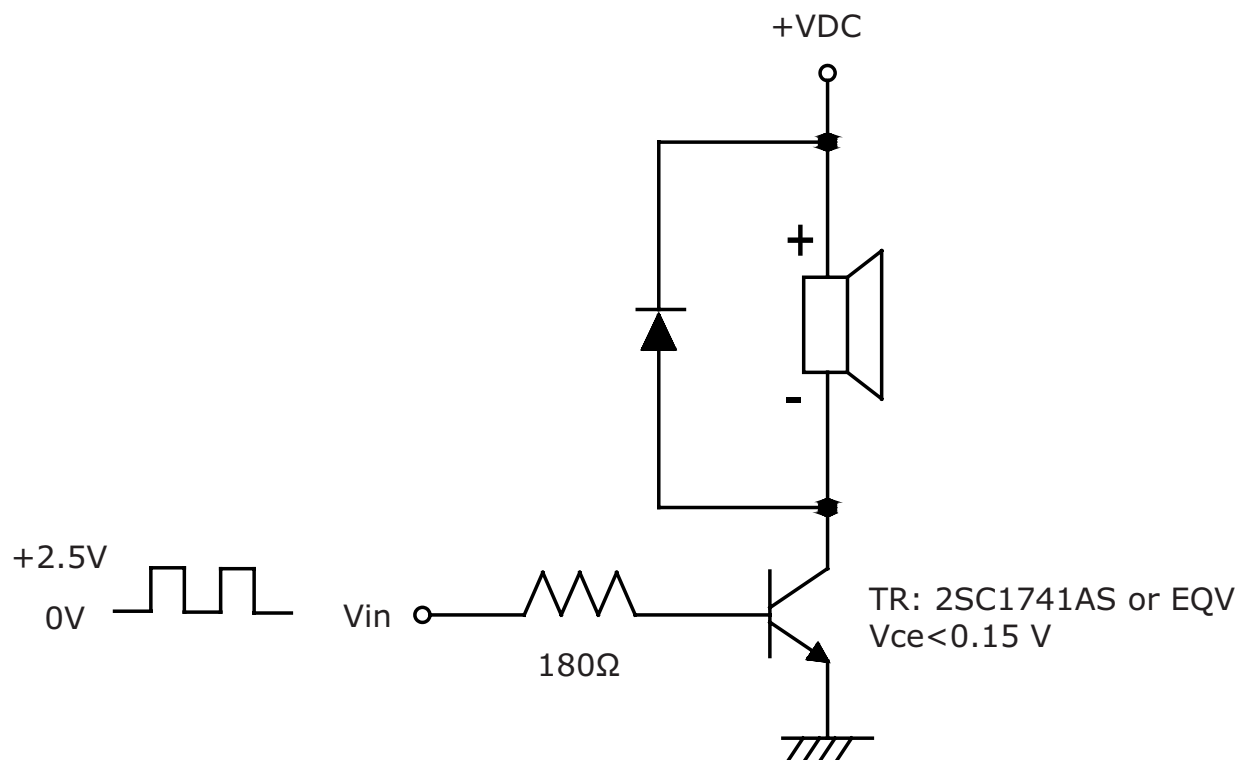
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



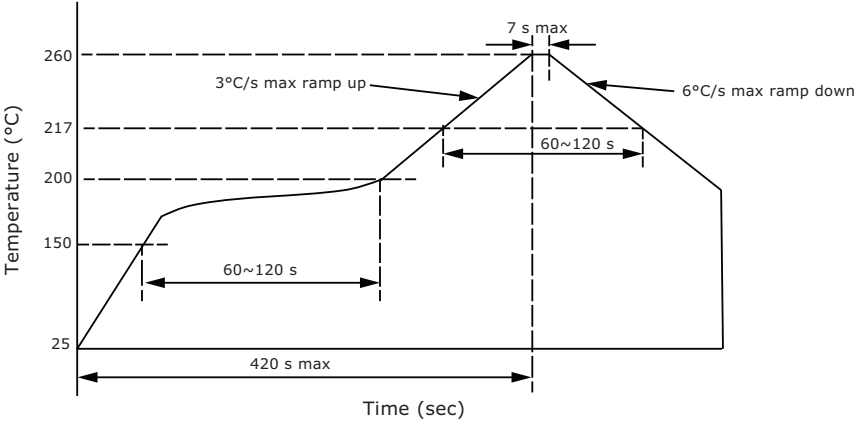
APPLICATION CIRCUIT



SOLDERABILITY

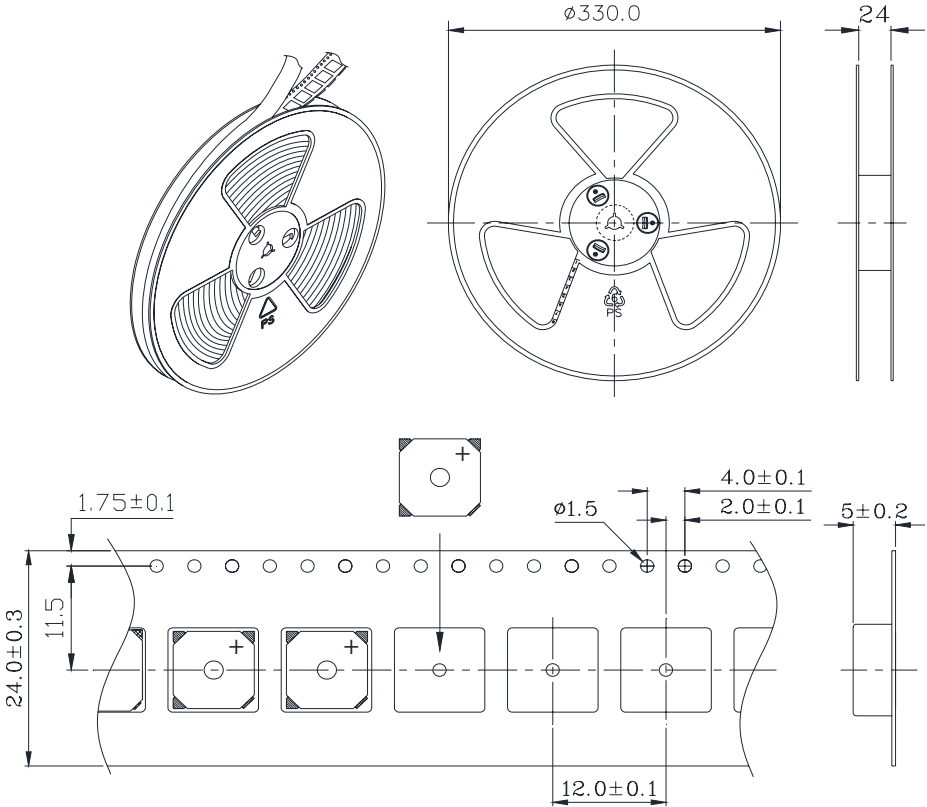
parameter	conditions/description	min	typ	max	units
reflow soldering	as per IPC/JEDEC J-STD-020C		255	260	°C

Note:
2. Not suitable for wash process.
3. It is recommended to reflow solder only once.



PACKAGING

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity 60%			30	°C
MSL	Class 4				
reel QTY	1,000				
carton QTY	10,000				



REVISION HISTORY

rev.	description	date
1.0	initial release	03/25/2026

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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