same sky

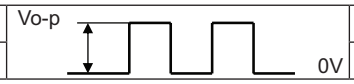
MODEL: CMT-1285C-015 | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

FEATURES

- externally driven
- wave solderable
- 91 dB SPL

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			1.5		Vo-p
operating voltage		1.0		2.0	Vo-p
current consumption	at rated voltage, 2,048 Hz square wave, ½ duty			35	mA
rated frequency			2,048		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,048 Hz square wave, ½ duty	85	91		dBA
coil resistance		13.6	16.0	18.4	Ω
dimensions	Ø12.0 x 8.5				mm
weight			1.4		g
material	PPO (black)				
terminal	pin type (Au plating)				
operating temperature		-20		60	°C
storage temperature		-30		70	°C
RoHS	yes				

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

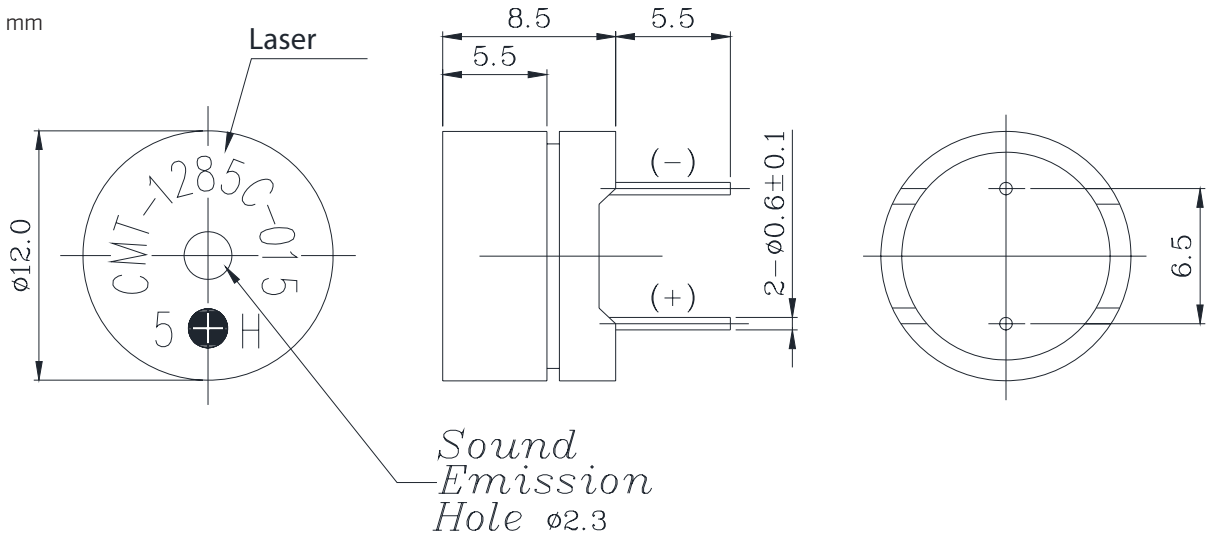
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering[2]	for maximum 2 seconds	330		380	°C

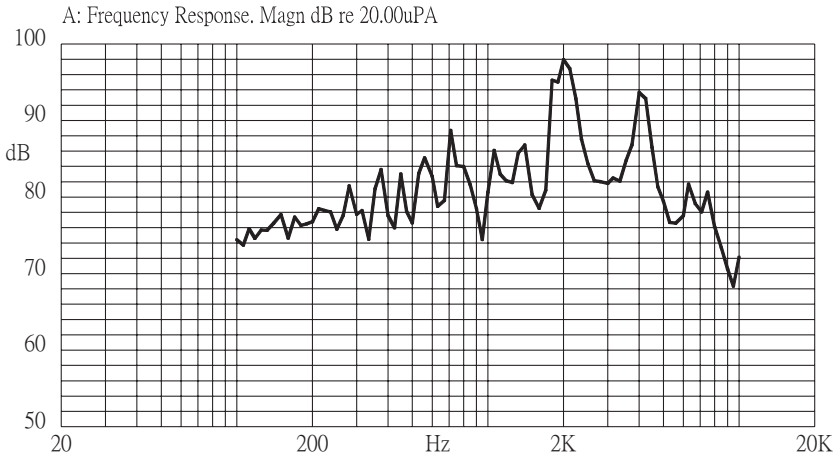
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

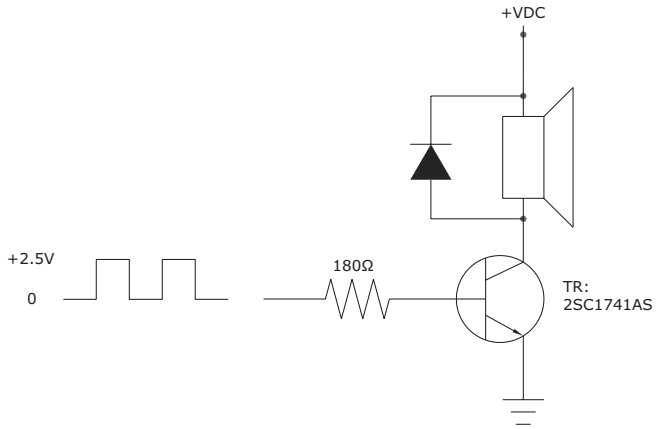
units: mm
tolerance: ±0.5 mm



FREQUENCY RESPONSE CURVE



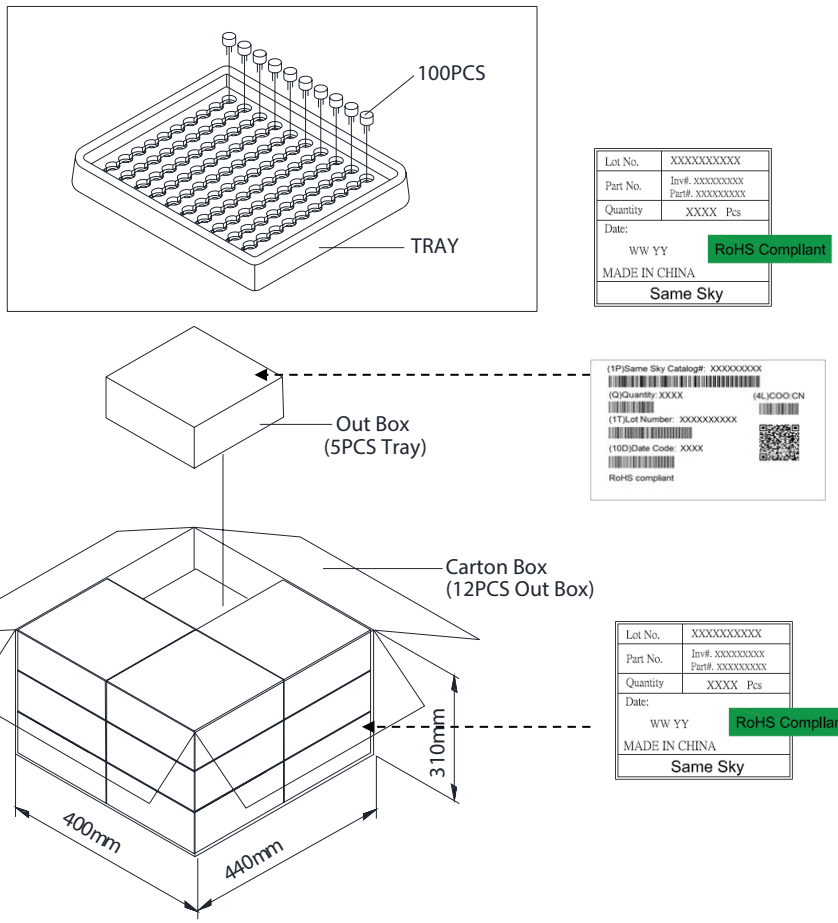
MEASUREMENT METHOD



PACKAGING

units: mm

Tray Size: 184 x 180 x 23 mm
Carton Size: 440 x 400 x 310 mm
Tray QTY: 100 pcs per tray
Carton QTY: 6,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2016
1.01	brand update	12/11/2019
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024
1.04	changed to laser print marking	01/29/2025

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