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MODEL: CEM-1612 | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

FEATURES

- \cdot through hole
- 12 V rated
- externally driven



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ROHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12.0		Vo-p
operating voltage		6.0		18.0	Vo-p
current consumption	at rated voltage, 2,048 Hz square wave, ½ duty			40	mA
rated frequency			2,048		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,048 Hz square wave, ½ duty	85	97		dBA
coil resistance		98.0	115.0	132.0	Ω
dimensions	Ø16.0 × 14.0				mm
weight			4.6		g
material	PPO				
terminal	pin type (Au plating)				
operating temperature		-20		60	°C
storage temperature		-30		70	°C
washable	γes				
RoHS	Ves				

SOLDERABILITY

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

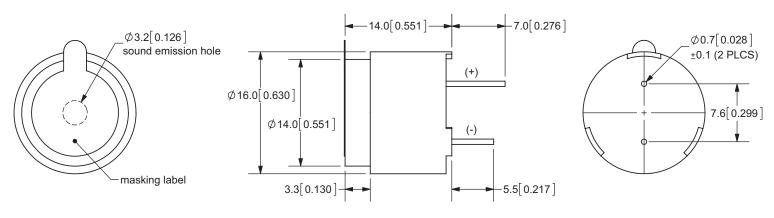
Notes: 2. Not recommended for wave soldering

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MECHANICAL DRAWING

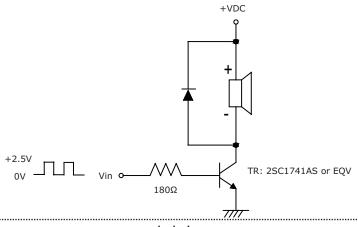
units: mm tolerance: ±0.5 mm

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FREQUENCY RESPONSE CURVE





sameskydevices.com

REVISION HISTORY

rev.	description	date
1.0	initial release	09/13/2006
1.01	brand update	01/06/2020
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024

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.

same sky

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