CUI Devices is now Same Sky! Learn More

MODEL: CS-8412 | DESCRIPTION: SOLID STATE INDICATOR

FEATURES

- solid state
- driving circuit
- through hole

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12.0		Vdc
operating voltage		8.0		16.0	Vdc
current consumption	at rated voltage			30	mA
rated frequency		250	400	550	Hz
sound pressure level	at 30 cm, rated voltage	77			dB
tone	continuous				
dimensions	23.4 x 16.8 x 15.5				mm
weight				8.5	g
material	ABS (black)				
terminal	pins (tin plated)				
operating temperature		-20		60	°C
storage temperature		-30		70	°C
RoHS	yes				

Notes: 1. All specifications measured at 5-35°C, humidity at 45-70%, under 86-106 kPa pressure, unless otherwise noted.

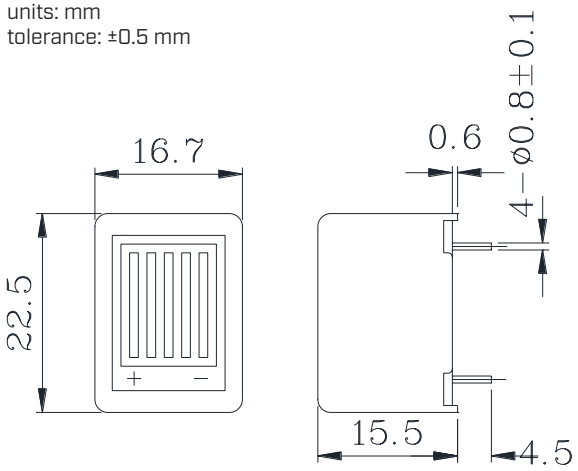
SOLDERABILITY

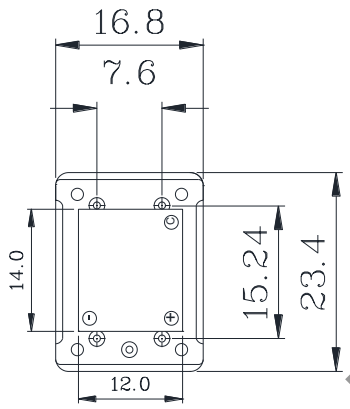
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 5 seconds	330		380	°C

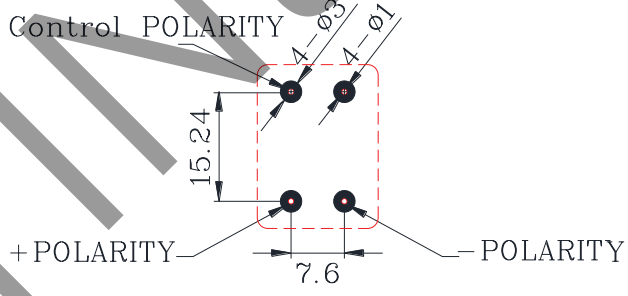
DISCONTINUED

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



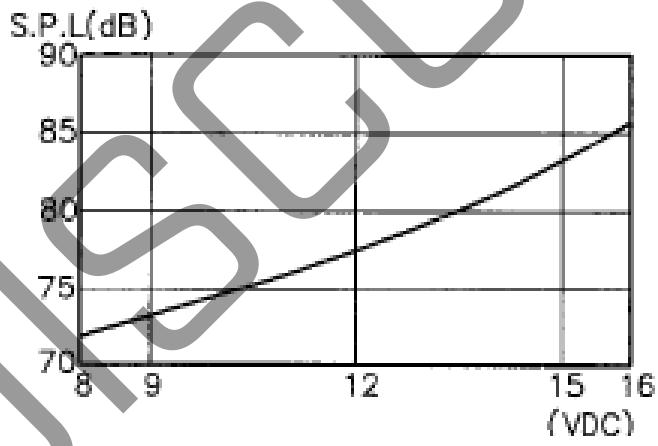




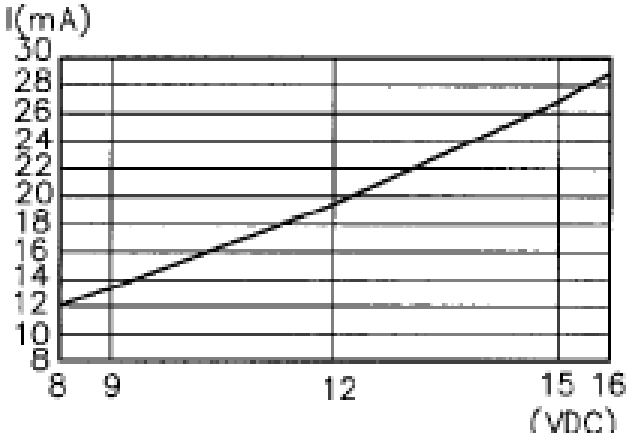
Recommended PCB Layout
Top View

PERFORMANCE CURVES

Voltage vs. Sound Pressure Level
at 30 cm, 25°C



Voltage vs. Current Consumption
at 25°C



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REVISION HISTORY

rev.	description	date
1.0	initial release	11/12/2007
1.01	modified design	08/21/2023
1.02	CUI Devices rebranded to Same Sky	09/11/2024

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

DISCONTINUED

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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.