CUDEVICES

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				

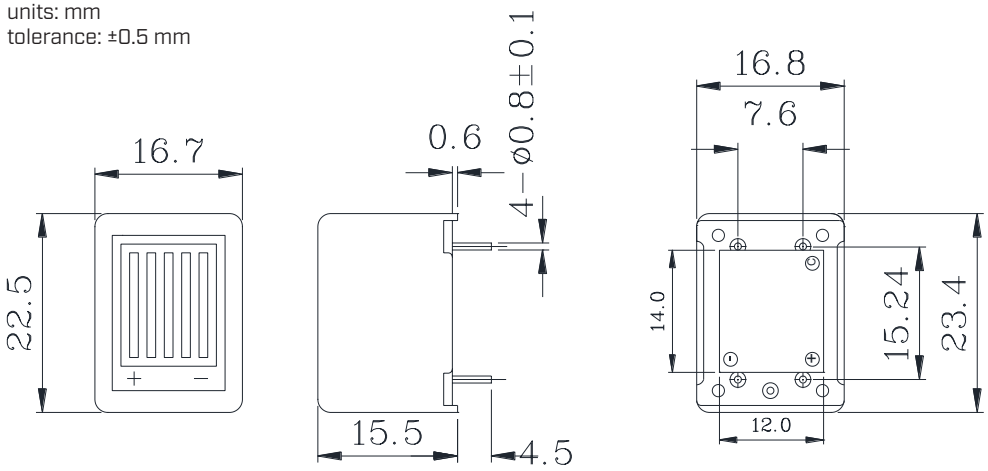
Notes: 1. All specifications measured at 5-35°C, humidity at 45-70%, under 86~106 kPa pressure, unless otherwise noted.

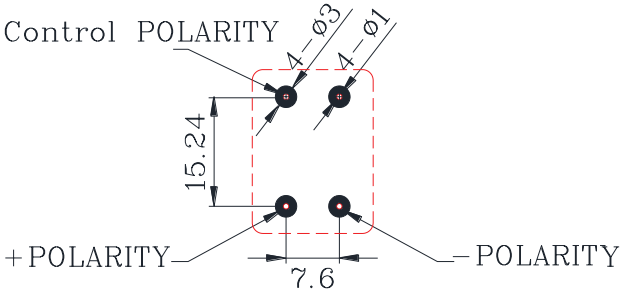
SOLDERABILITY

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

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

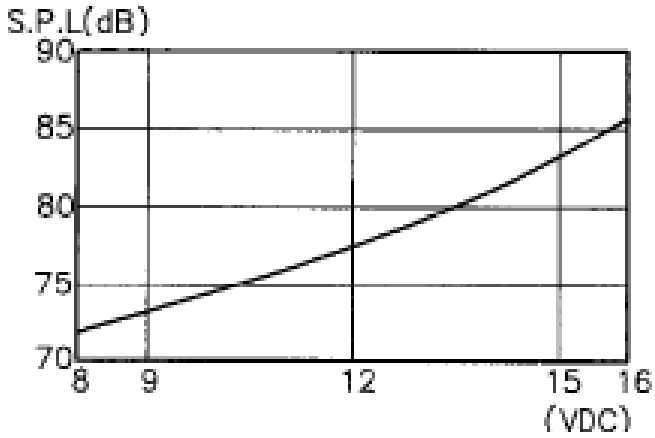




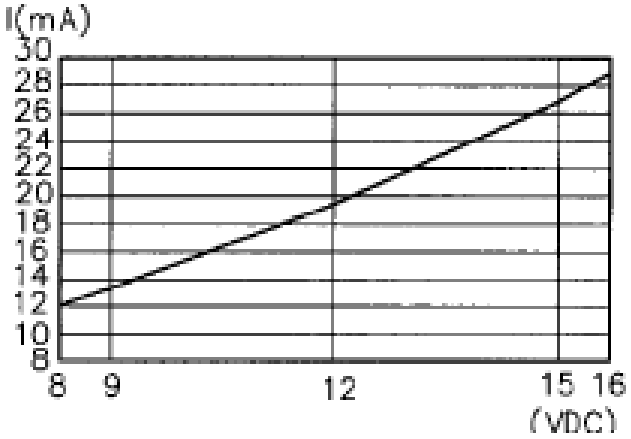
Recommended PCB Layout
Top View

PERFORMANCE CURVES

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



Voltage vs. Current Consumption
at 25°C



REVISION HISTORY

rev.	description	date
1.0	initial release	11/12/2007
1.01	modified design	08/21/2023

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

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