

date 08/05/2022

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MODEL: CUSA-T80-18-2400-TH | DESCRIPTION: ULTRASONIC SENSOR

FEATURES

- · aluminium can
- open type
- transmitter
- SPL 113 dB
- detectable range 18 meters



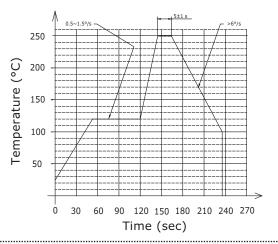


SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
type	transmitter				
operating voltage	at 40 kHz			150	Vp-p
frequency			40		kHz
sound pressure level	at 10 V, 30 cm, sine wave	115			dB
directivity			80		degree
capacitance	at 1 kHz	1,920	2,400	2,880	pF
detectable range		0.2		18	m
dimensions	Ø16.0 x 12.0				mm
material	aluminum				
terminal	pins (iron with tin plating)				
weight			2.31		g
operating temperature		-20		70	°C
RoHS	yes				

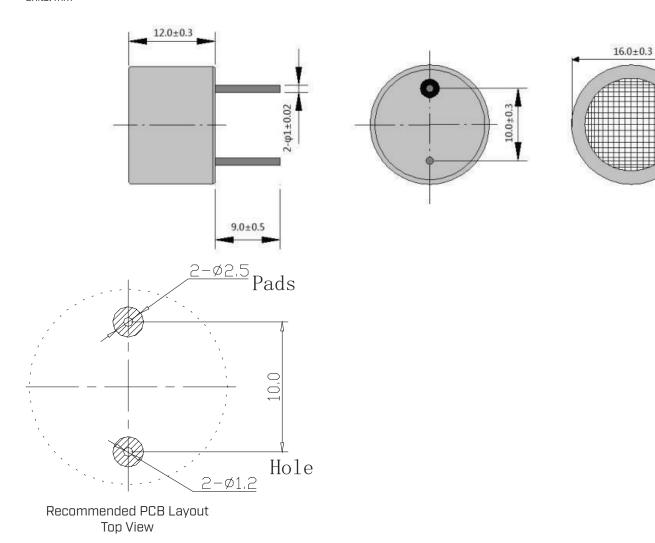
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering				250	°C

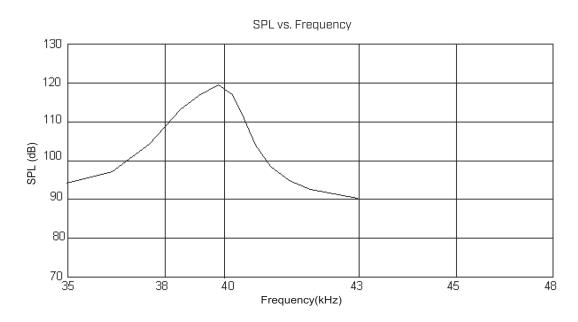


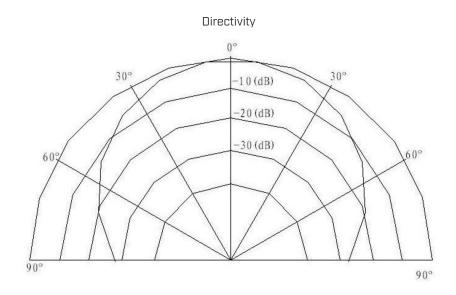
MECHANICAL DRAWING

units: mm



BEAM PATTERNS

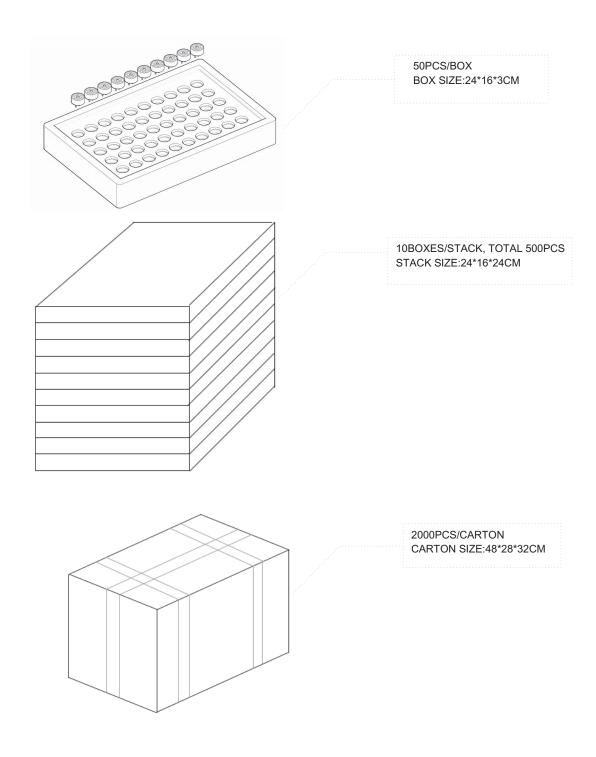




PACKAGING

units: mm

Tray Size: 240 x 160 x 30 mm Tray QTY: 50 pcs per tray Carton Size: 480 x 280 x 320 mm Carton QTY: 2,000 pcs per carton



Additional Resources: Product Page | PCB Footprint

REVISION HISTORY

rev.	description	date	
1.0	initial release	12/02/2020	
1.01	logo, datasheet style update	08/05/2022	

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



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