

**MODEL:** CUSA-R80-130-3000-TH | **DESCRIPTION:** ULTRASONIC SENSOR**FEATURES**

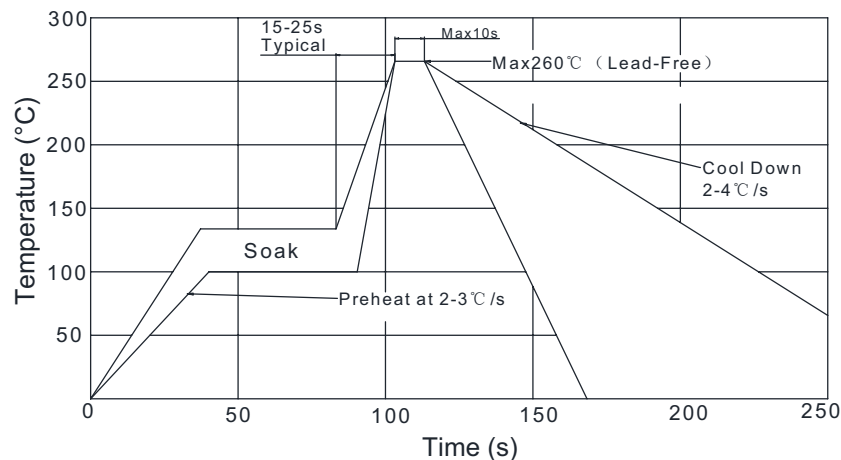
- aluminum housing
- receiver
- open type
- through hole

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
type	receiver				
operating voltage				200	Vp-p
frequency		28	29	30	kHz
sensitivity		-75			dBV/ μ bar
directivity	at -6 dB	65	80	95	degree
capacitance	at 1 kHz	2,250	3,000	3,750	pF
detectable range		0		13	m
dimensions	$\varnothing 16 \times 12$				mm
material	aluminum				
terminal	pins (brass with tin plating)				
weight			2.6		g
operating temperature		-20		80	$^{\circ}\text{C}$
storage temperature		-20		80	$^{\circ}\text{C}$
RoHS	yes				

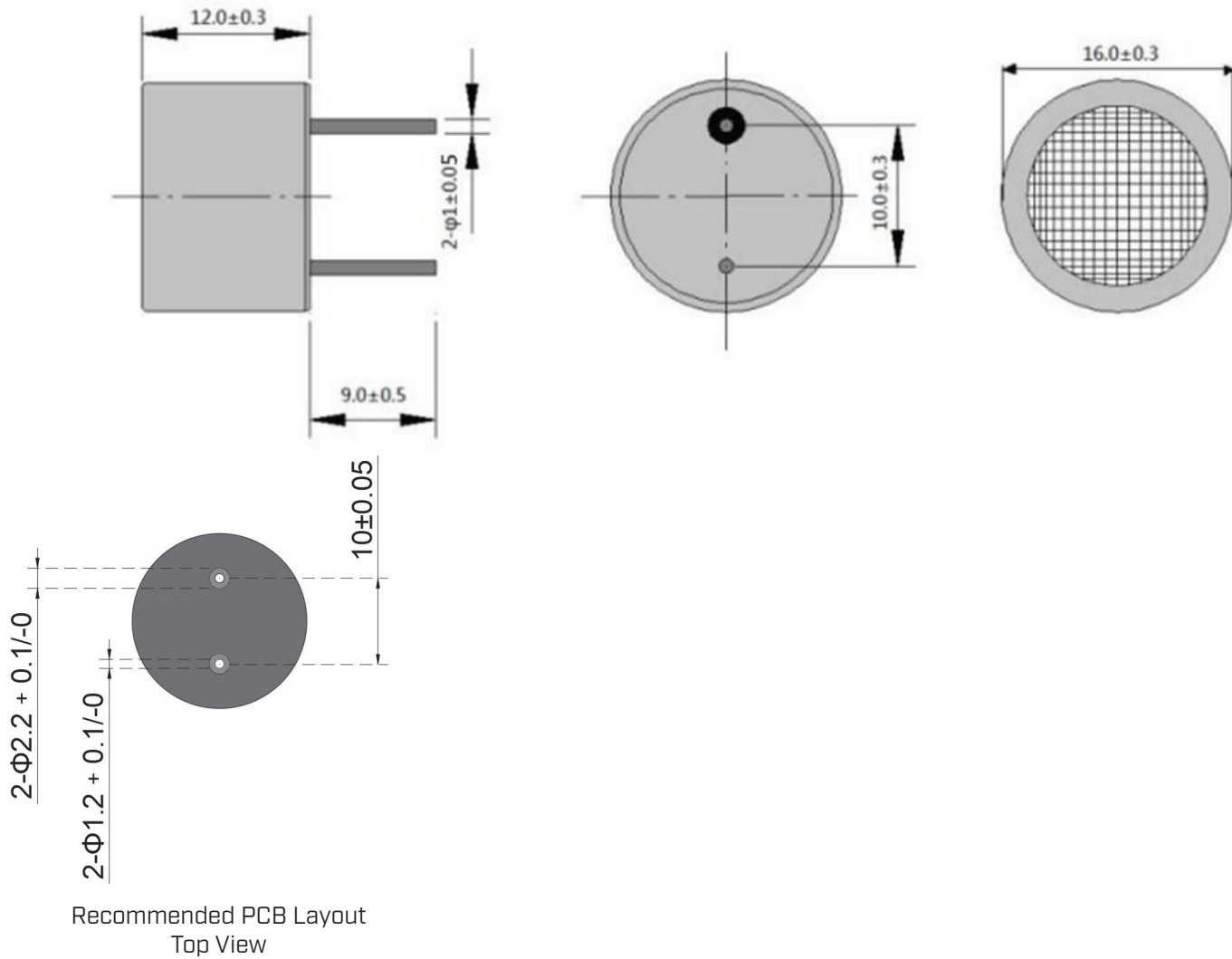
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering				260	$^{\circ}\text{C}$



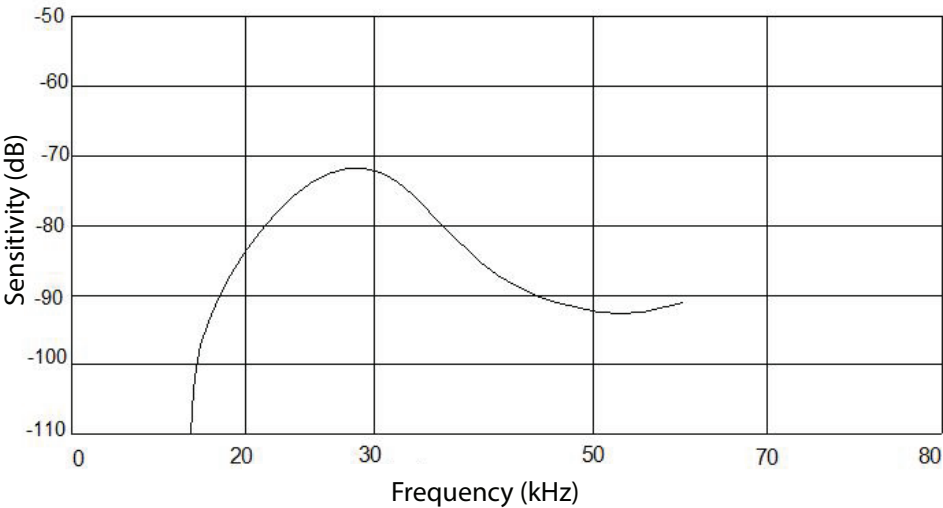
MECHANICAL DRAWING

units: mm

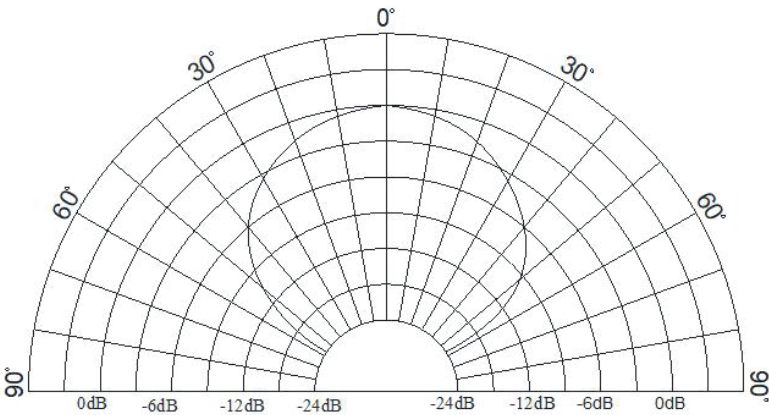


BEAM PATTERNS

Sensitivity vs. Frequency



Directivity



PACKAGING

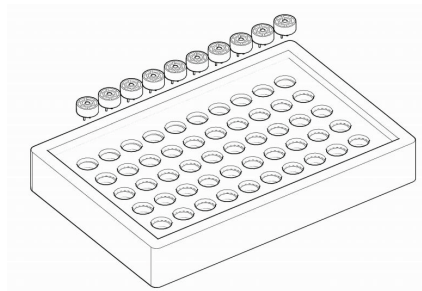
units: cm

Tray Size: 23.5 x 13.5x 3 cm

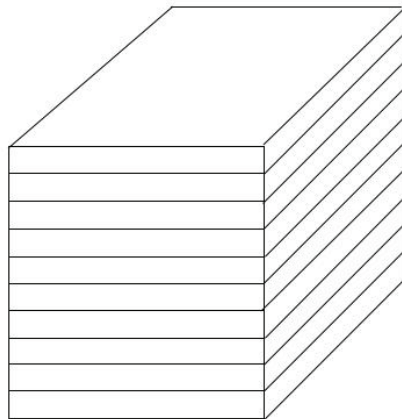
Tray QTY: 50 pcs per tray

Carton Size: 47.5 x 28.5 x 32 cm

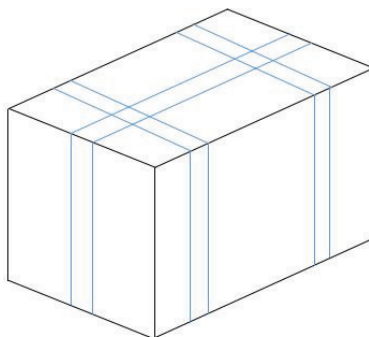
Carton QTY: 2,000 pcs per carton



50PCS/BOX
BOX SIZE:23.5*13.5*3CM



10BOXES/STACK, TOTAL 500PCS
STACK SIZE:23.5*13.5*27.5CM



2000PCS/CARTON
CARTON SIZE:47.5*28.5*32CM

Net Weight:5.2KG
Gross Weight:5.9KG

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