

**MODEL:** CUSA-R75-120-2200-TH | **DESCRIPTION:** ULTRASONIC SENSOR**FEATURES**

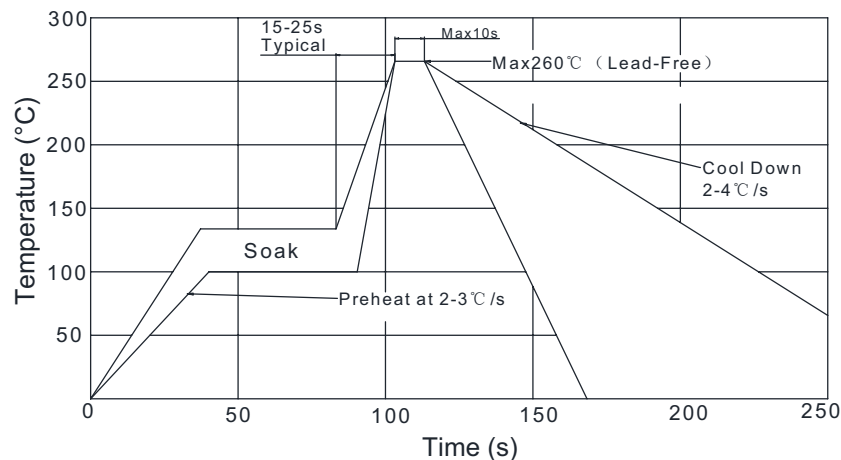
- aluminum housing
- receiver
- open type
- through hole

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
type	receiver				
operating voltage				160	Vp-p
frequency		28	29	30	kHz
sensitivity		-75			dBV/ μ bar
directivity	at -6 dB	60	75	90	degree
capacitance	at 1 kHz	1,650	2,200	2,750	pF
detectable range		0		12	m
dimensions	$\varnothing 12.5 \times 9.5$				mm
material	aluminum				
terminal	pins [brass with tin plating]				
weight			1.82		g
operating temperature		-20		80	$^{\circ}\text{C}$
storage temperature		-20		80	$^{\circ}\text{C}$
RoHS	yes				

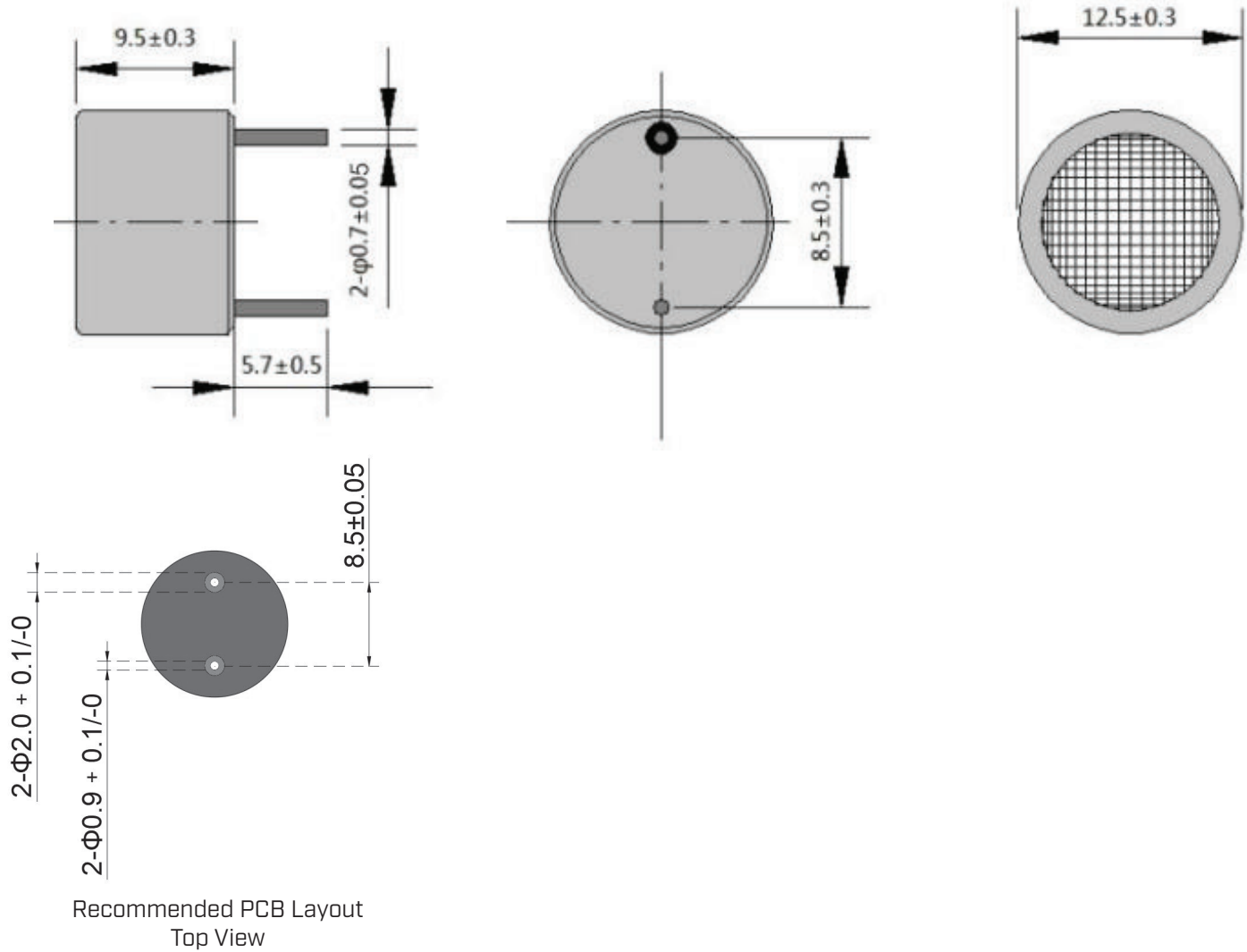
SOLDERABILITY

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



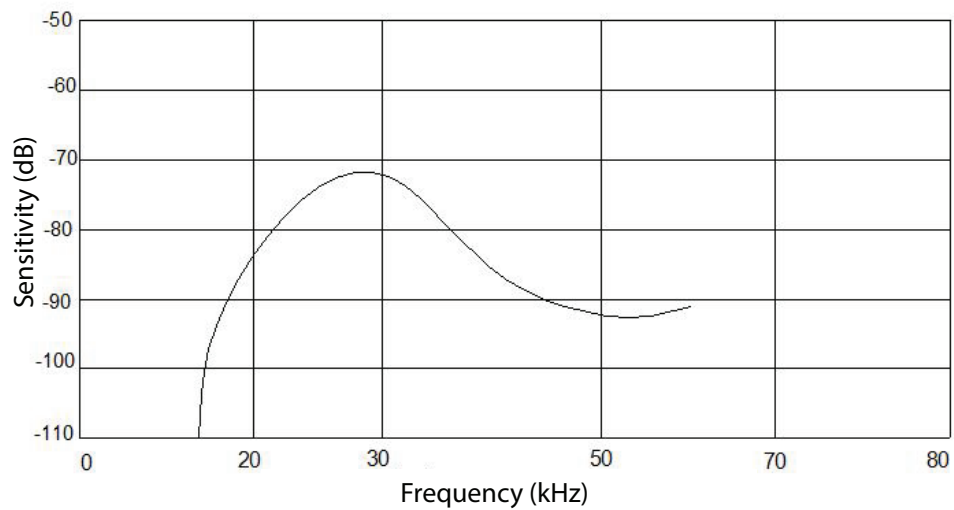
MECHANICAL DRAWING

units: mm

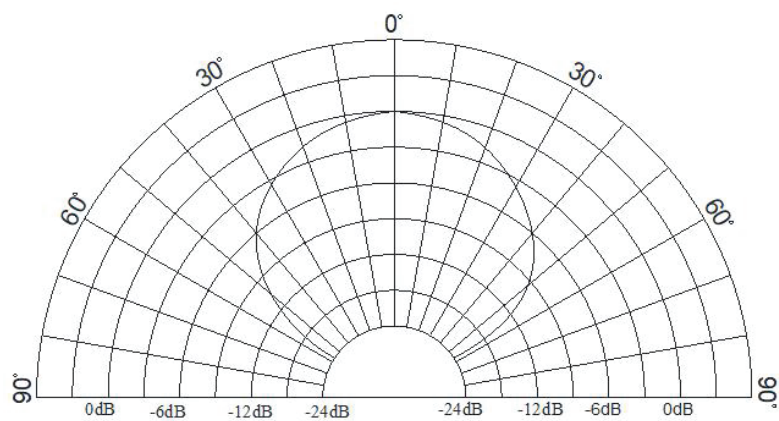


BEAM PATTERNS

Sensitivity vs. Frequency



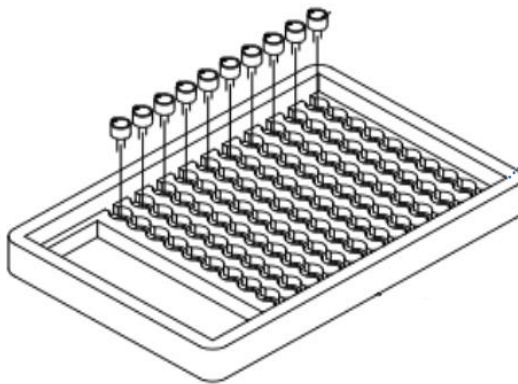
Directivity



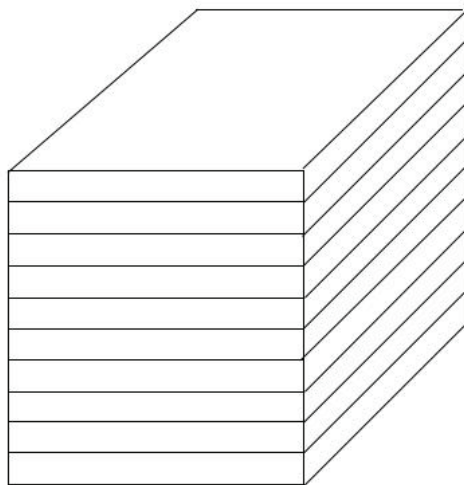
PACKAGING

units: mm

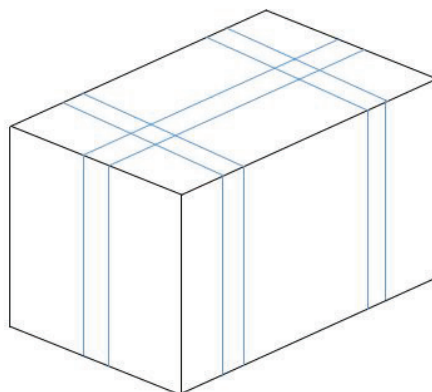
Tray Size: 16 x 24 x 3 cm
Tray QTY: 100 pcs per tray
Carton Size: 49 x 34.5 x 27 cm
Carton QTY: 4,000 pcs per carton



100PCS/BOX
BOX SIZE:16*24*3CM



10BOXES/STACK, TOTAL 1000PCS
STACK SIZE:16*24*24CM



4000PCS/CARTON
CARTON SIZE:49*34.5*27CM

Net Weight:7.28KG
Gross Weight:7.98KG

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