

**MODEL:** CUSA-R80-120-2200-TH | **DESCRIPTION:** ULTRASONIC SENSOR**FEATURES**

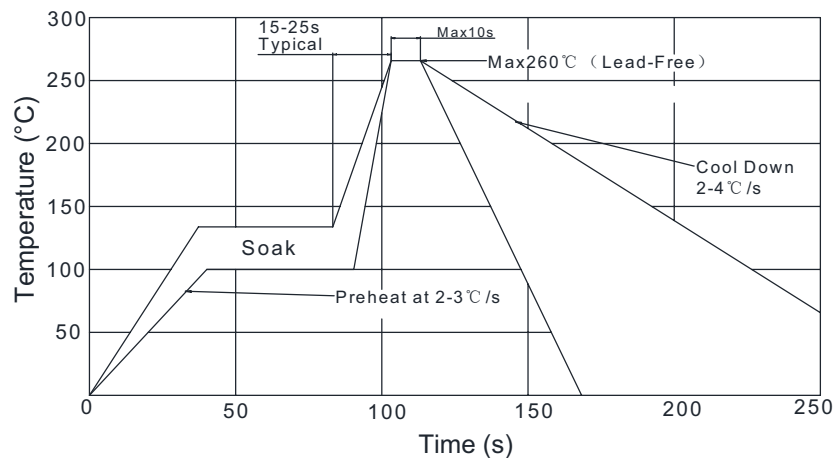
- aluminum housing
- receiver
- open type
- through hole

**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	65	80	95	degree
capacitance	at 1 kHz	1,650	2,200	2,750	pF
detectable range		0		12	m
dimensions	$\varnothing 9.8 \times 7.0$				mm
material	aluminum				
terminal	pins (brass with tin plating)				
weight			0.94		g
operating temperature		-20		80	$^{\circ}$ C
storage temperature		-20		80	$^{\circ}$ C
RoHS	yes				

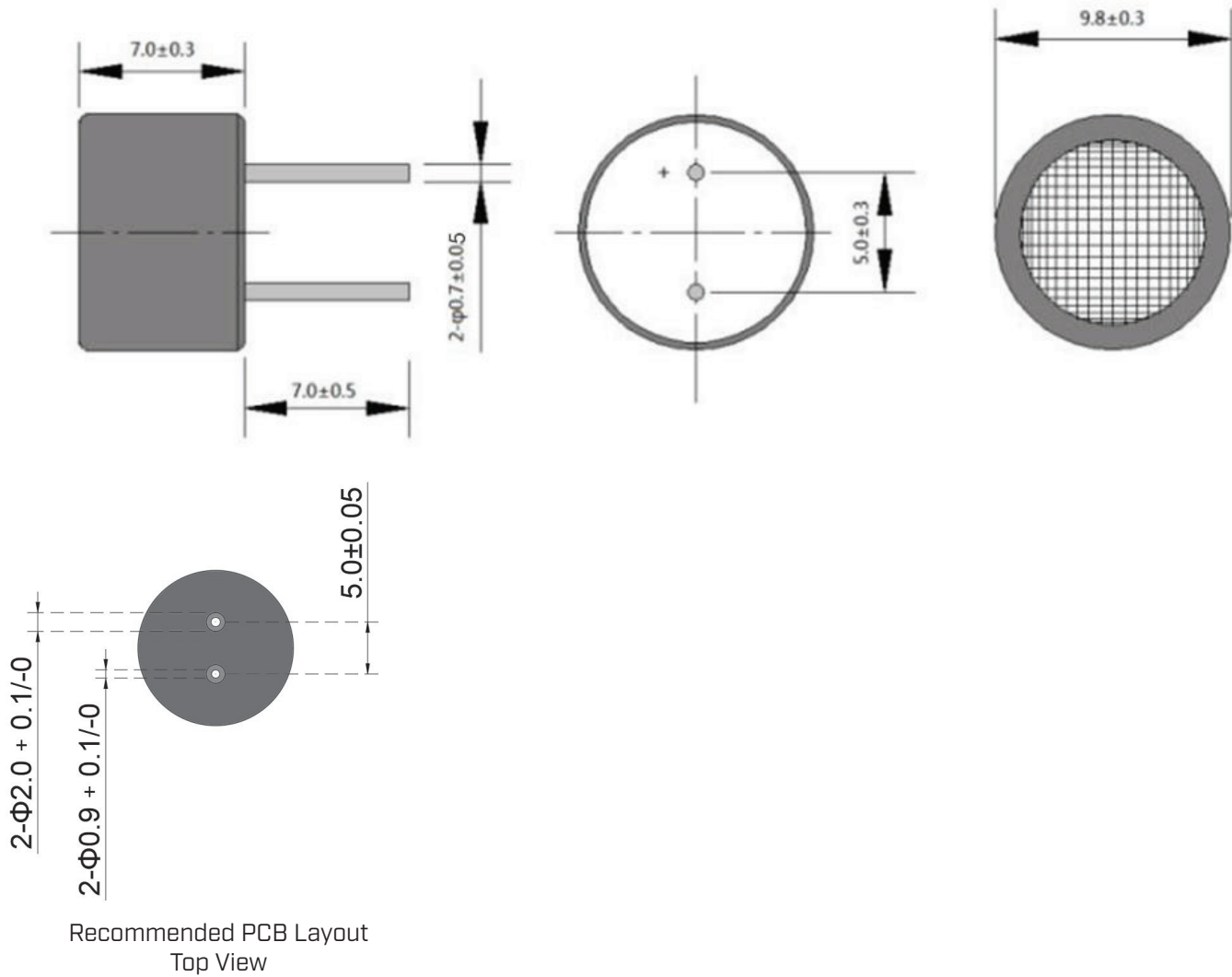
SOLDERABILITY

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



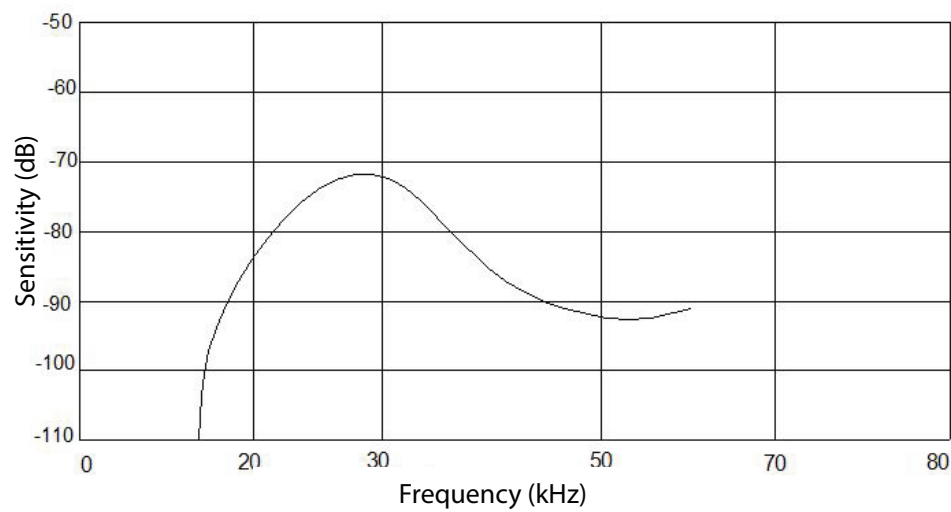
MECHANICAL DRAWING

units: mm

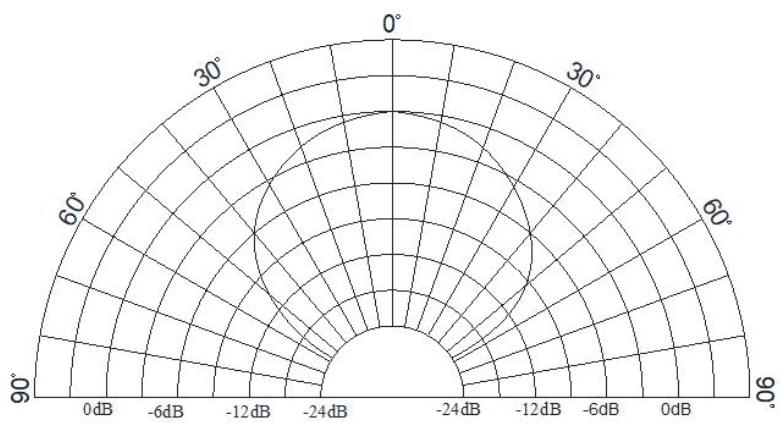


BEAM PATTERNS

Sensitivity vs. Frequency



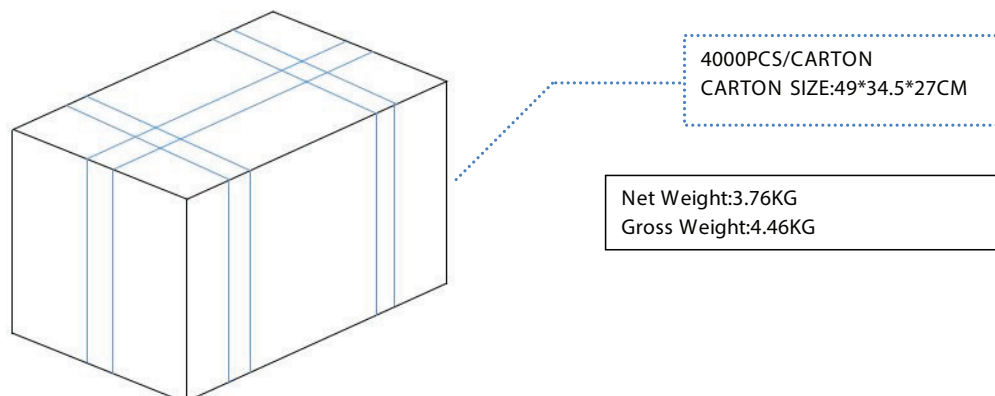
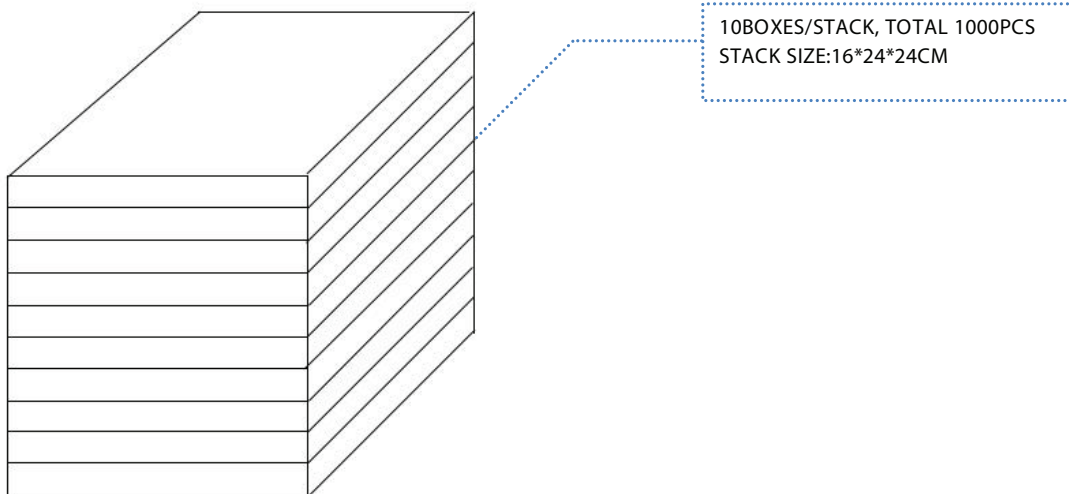
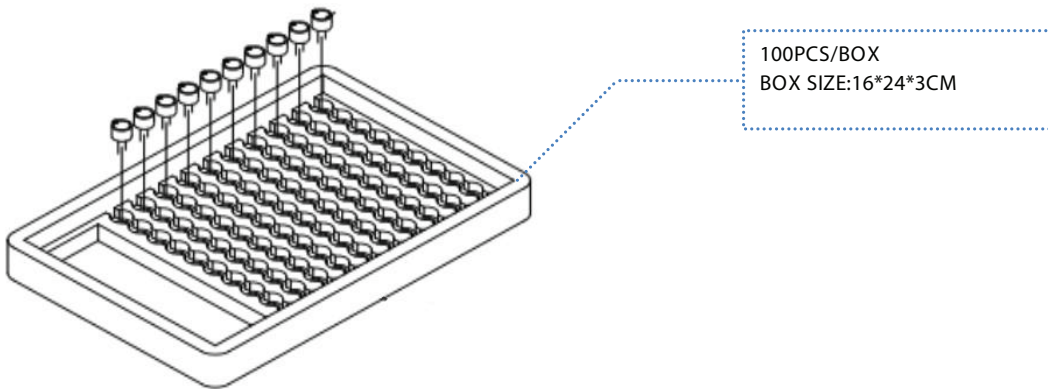
Directivity



PACKAGING

units: cm

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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Proximity Sensors](#) *category:*

Click to view products by [Same Sky](#) *manufacturer:*

Other Similar products are found below :

[8027AL20NL2CPXX](#) [922AA2W-A9P-L](#) [GL-12F-C2.5X10\(LOT3\)](#) [972AB3XM-A3P-L](#) [980659-1](#) [E2E-X14MD1-G](#) [E2E-X2D1-G](#) [E2E-X4MD1-G](#) [E2E-X5E1-5M-N](#) [EI3010TBOP](#) [MS605AU](#) [EP175-32000](#) [IFRM06P1703/S35L](#) [ILFK12E9189/I02](#) [ILFK12E9193/I02](#) [922AA2XM-B9P-L](#) [922FS0.8-H4P-G-020](#) [SC606ABV0S30](#) [SM552A100](#) [SM851A1200FP](#) [F3S-A162-U](#) [QT-08L](#) [RDS-DIN3-PA-D1](#) [TL-X10F1-G](#) [TL-X5Y1-52](#) [IA12ASF04DOM1](#) [IFFK12P1501/L](#) [IFRM08N1503/S35L](#) [IFRM08N1701/S35L](#) [Y92E-P1D2H5](#) [DR10GTI](#) [DSM2C550](#) [ZS-2065](#) [E2E-X3D1-G](#) [E2QN15E3](#) [EI0801PPOS](#) [TL-X10MF2](#) [SGA8072](#) [SM552A173](#) [E2KC25MY1812M](#) [AIK18F05AN024-2M](#) [SM952A123000](#) [SM850A2400FP](#) [SM956A410002](#) [EI8040NACP](#) [SM801A1200](#) [AC441A](#) [AC441AUS](#) [DCB1C425](#) [DCB3N250](#)