



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

FEATURES

- aluminum housing
- receiver
- open type
- wire leads w/2-pin connector



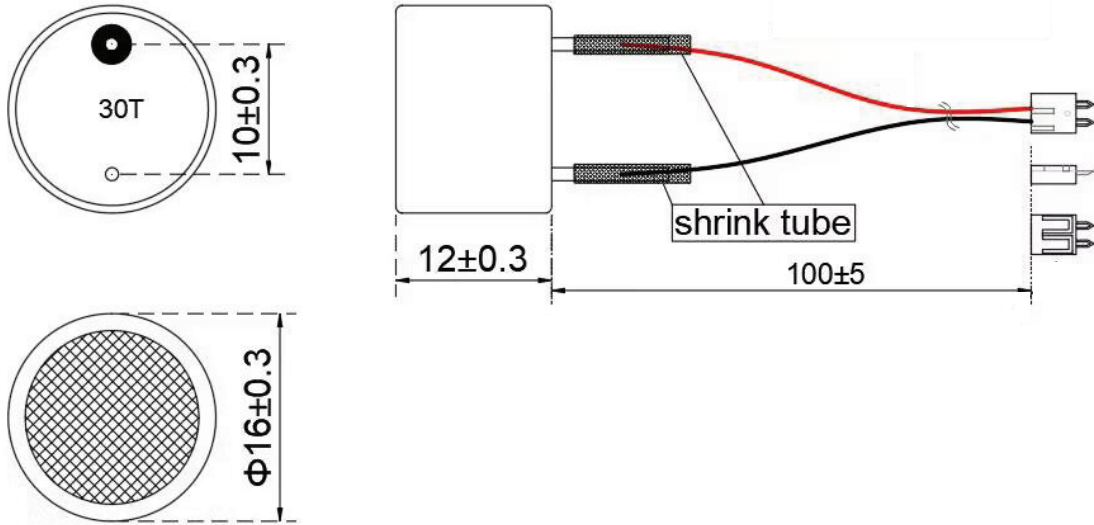
SPECIFICATIONS

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 x 12				mm
material	aluminum				
terminal	wire leads with connector				
weight			2.6		g
operating temperature		-20		80	$^{\circ}$ C
storage temperature		-20		80	$^{\circ}$ C
RoHS	yes				

MECHANICAL DRAWING

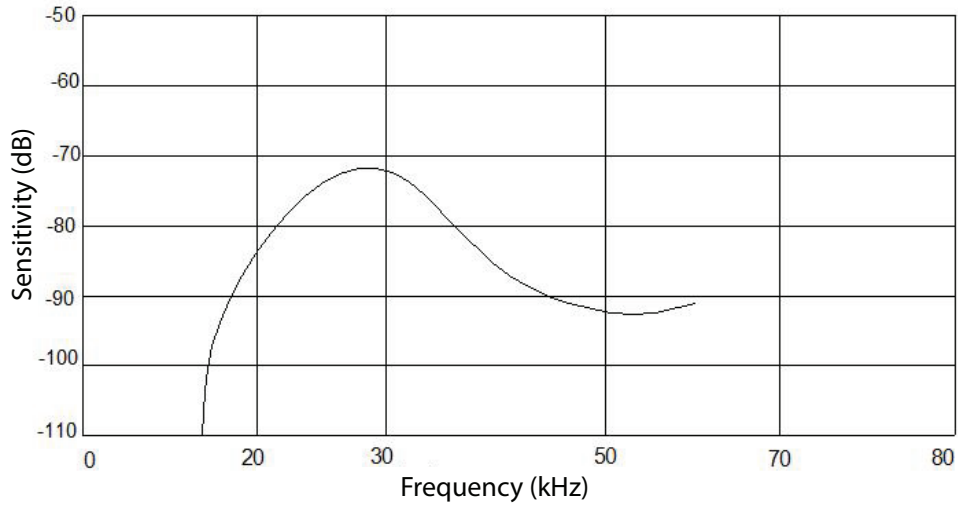
units: mm

wire: UL1571, 30 AWG
connector: JAM JB20-02HG

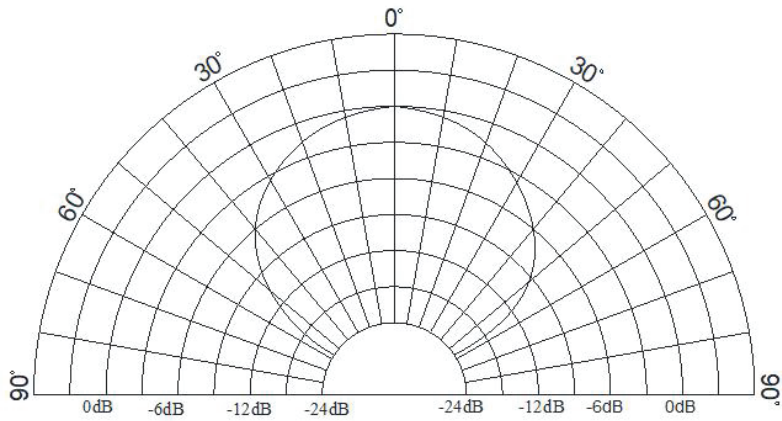


BEAM PATTERNS

Sensitivity vs. Frequency



Directivity



REVISION HISTORY

rev.	description	date
1.0	initial release	08/08/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024

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



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

[sameskydevices.com](https://www.sameskydevices.com)