same sky

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

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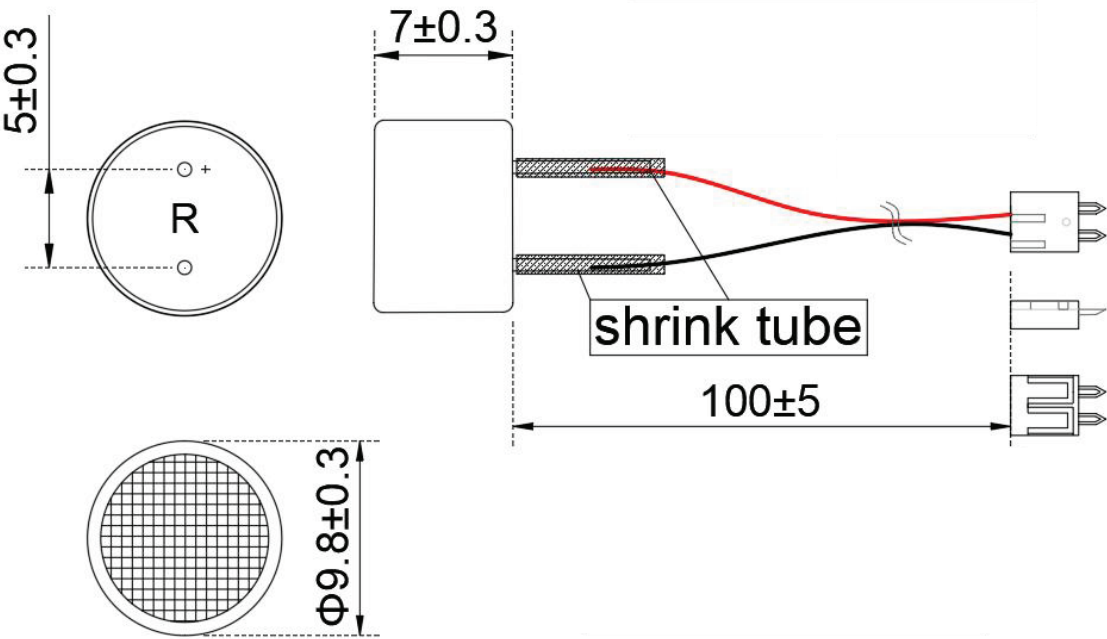- wire leads w/2-pin connector

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
type	receiver				
operating voltage				160	Vp-p
frequency		28	29	30	kHz
sensitivity		-75			dBV/µbar
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	Ø9.8 x 7				mm
material	aluminum				
terminal	wire leads with connector				
weight			0.94		g
operating temperature		-20		80	°C
storage temperature		-20		80	°C
RoHS	yes				

MECHANICAL DRAWING

units: mm

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

Additional Resources: [Product Page](#)

SAME SKY | **MODEL:** CUSA-R80-120-2200-WC | **DESCRIPTION:** ULTRASONIC SENSOR   **date** 09/12/2024 | **page** 3 of 4

BEAM PATTERNS

Sensitivity vs. Frequency
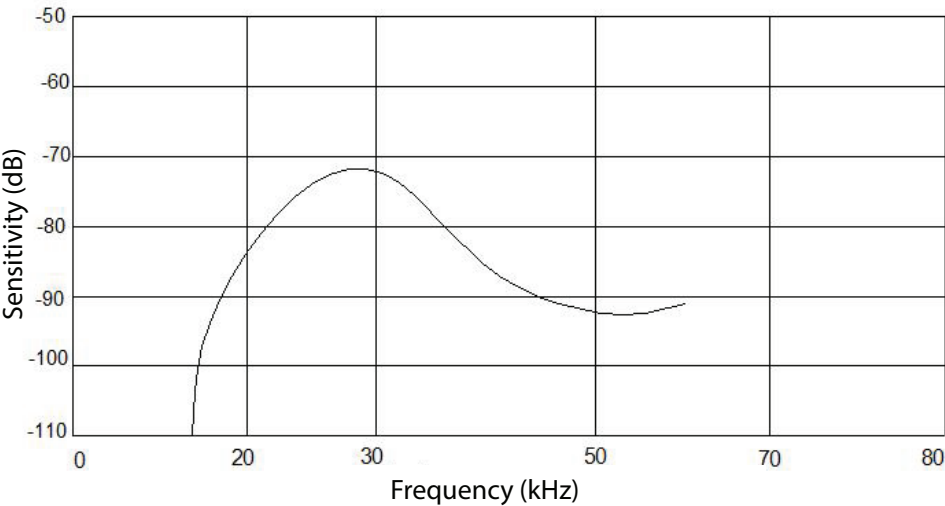
Directivity
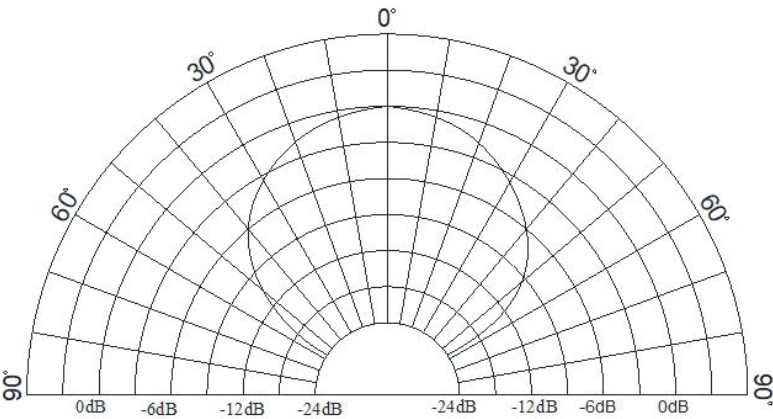
REVISION HISTORY

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.

Mouser Electronics

Authorized Distributor

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[Same Sky](#):

[CUSA-R80-120-2200-WC](#)