

Ultrasonic Sensor (Close Structure)

Model: UC25-T25ASP



ELECTRICAL SPECIFICATIONS

	Condition	Parameter	Unit
Function		Transmitter	
Center Frequency		25 ± 1	KHz
Sound Pressure Level For Transmitter	at 25KHz, 10Vrms, sine wave, 30cm	Min. 130	dB
Capacitance	at 1000Hz, 1V	2000 ± 20%	pF
Input Voltage		Max. 180	Vp-p
Directivity	-6dB	50	deg
Detectable Range		0.2 ~ 5	m
Operating Temperature		-20 ~ 80	°C
Terminal		Pin	
Housing Material		Aluminum (Silver)	
Weight		6	g
Dustproof And Waterproof Level	IEC 529 edition 2.0 (1989)	IP67	

Notes: Directivity, detectable range and resolution is typical value. It can be changed by application circuit and fixing method of the sensor.

MECHANICAL DRAWING

Dimensions in mm

Tolerance ±0.5mm Except Specified

