

Ultrasonic Sensor (Open Structure)

Model: SUO10S-T40PB



ELECTRICAL SPECIFICATIONS

	Condition	Parameter	Unit
Function		Transmitter	
Center Frequency		40 ± 1	KHz
Sound Pressure Level For Transmitter	at 40KHz, 6Vpp, sine wave, 15cm	Min. 105	dB
Capacitance	at 1000Hz, 1V	12000 ± 25%	pF
Input Voltage		Max. 84	Vp-p
Directivity	-6dB	80	deg
Detectable Range		0.2 ~ 1.5	m
Operating Temperature		-30 ~ 80	°C
Terminal		SMT (Sn plating)	
Housing Material		LCP	
Weight		0.7	g

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

