

**Ultrasonic Sensor (Open Structure)**

**Model: UO12-R40ASP**



**ELECTRICAL SPECIFICATIONS**

	Condition	Parameter	Unit
Function		Receiver	
Center Frequency		40 ± 1	KHz
Sensitivity For Receiver	0dB = 1V/μbar, 40KHz	Min. -65	dB
Capacitance	at 1000Hz	2100 ± 20%	pF
Directivity	-6dB	75	deg
Detectable Range		0.2 ~ 18	m
Operating Temperature		-20 ~ 70	°C
Terminal		Pin	
Housing Material		Aluminum (Silver)	
Weight		1.6	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

