

SSU-WPM40S12-P1

Ultrasonic sensor



PRODUCTS FEATURES

- Dual use: Transmitter and receiver
- Compact and light weight
- High sensitivity and sound pressure
- Less power consumption
- High reliability

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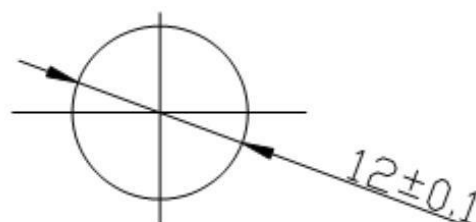
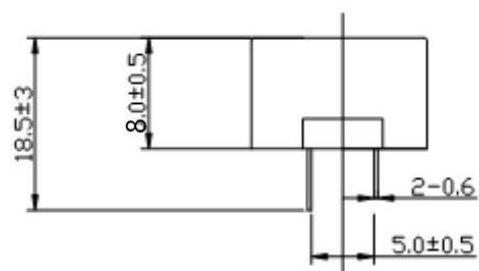
1. Technical Specifications

Parameters	Value	Units
Operating frequency	40±1.5	KHz
Sound pressure value	≥94 (30cm/10Vrms sine wave)	dB
Sensitivity	Place a 75cm PVC tube oscilloscope at 0.75m to display the ECHO (refer to the upper and lower limits of the sample)	dB
Aftershock	≤1.4	ms
Directivity (-6dB)	60±10	°
Function	Vertical transmission/reception	
Capacitance	1800±15	%PF
Max. Input Voltage	150 (40KHz)	Vp-p
Operating Temperature	-40~+85	°C
Storage Temperature	-35~+80	°C
Terminations	Vertical transmit/receive connector	
Appearance	No chromatic aberration, trachoma, scratch, terminal line no damage, terminal no fall off	
Paint adhesion	100-frame experiment. No paint loss	
Solderability of stitch	Soldering iron 350 ° 3-5 seconds tin	

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2. Mechanical dimensions



3. Beam angle

