



SPECIFICATIONS SHEET

PRODUCT TYPE : SYMMETRIC ULTRASONIC SENSORS

PRODUCT SERIES : USWS14A

DESCRIPTION : USWS 14.4D 9H 10V PIN ALUMINIUM RoHS

COLOR : SILVER

ELECTRICAL SPECIFICATIONS

MODEL NO.	USWS14A09LFPM	
CONSTRUCTION	WATERPROOF TYPE	
FUNCTION	TRANSMITTER & RECEIVER	
DIAMETER (A) ± 0.3	mm	∅ 14.4
HEIGHT (B) ± 0.3	mm	9.0
SOUND PRESSURE LEVEL (0dB = 0.0002 ubar)	Min. 95.0 dB (10.0 V rms Sine Wave / 30.0 cm)	
SENSITIVITY	Min. - 82.0 dB (v / u bar)	
CENTER FREQUENCY	Hz	40000 ± 1000 Hz
Directivity (deg) X - axis	70.0 ± 15.0	
CAPACITANCE AT 1KHz	pF	1800 ± 15 %
ALLOWABLE INPUT VOLTAGE	p-p	140V (40 KHz) Pulse width 0.5 ms / Interval 20 ms
HOUSING MATERIAL	ALUMINUM	
OPERATING TEMPERATURE	°C	- 40.0 ~ + 80.0
WEIGHT	3.0 g	

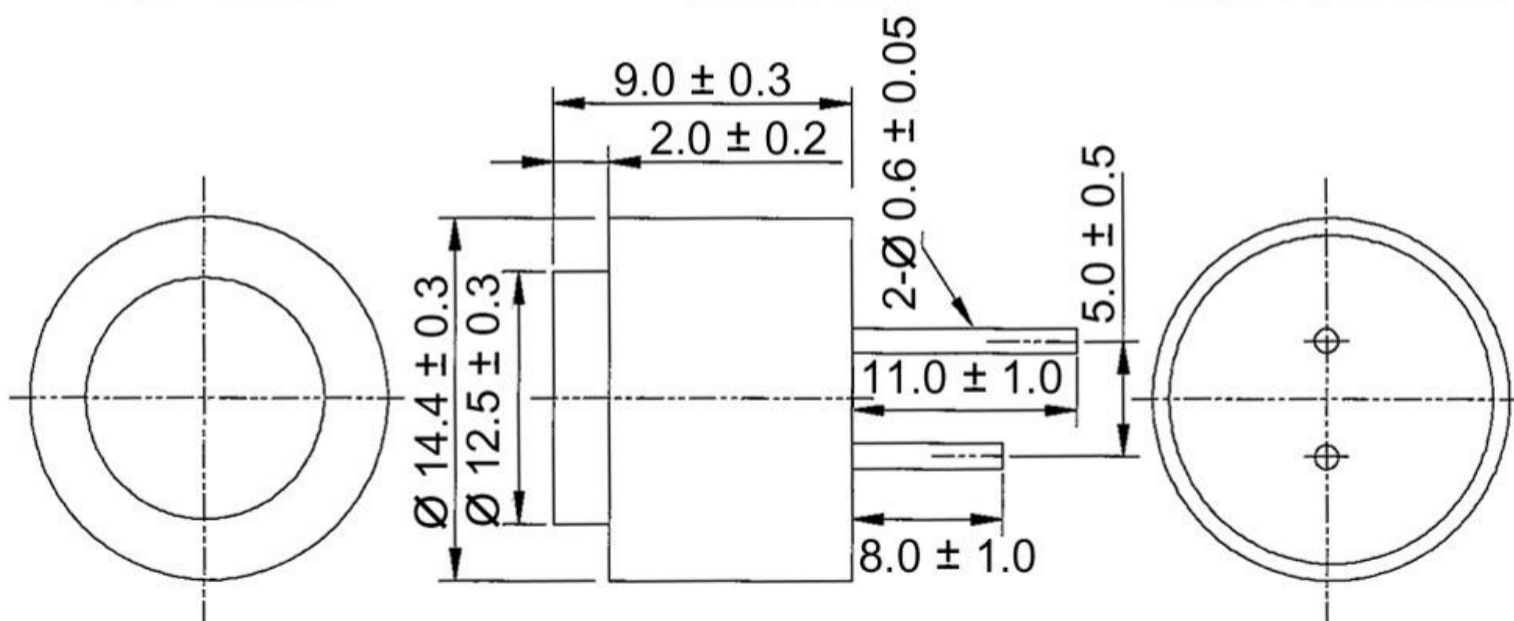
DIMENSIONS

UNIT : mm

TOP VIEW

SIDE VIEW

BOTTOM VIEW



Approved By :
Date : 5-Jan.-2011

Prepared By :
Date : 5-Jan.-2011

Modify :	Date :	By :