



SPL (HONG KONG) LIMITED

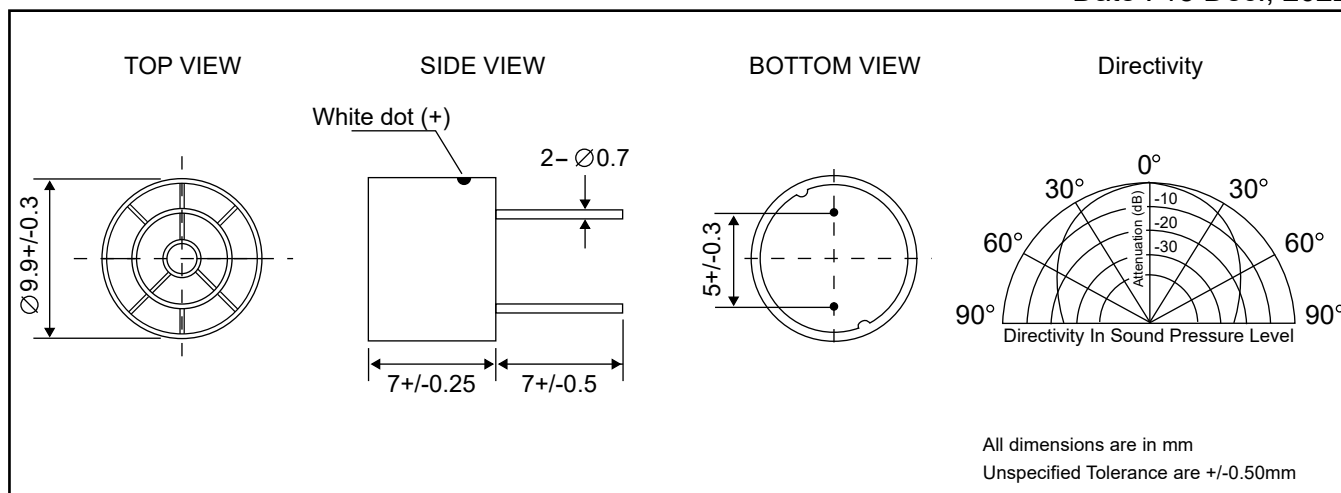
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Ultrasonic Sensor

SU1007 series

DIMENSIONS

Date : 15 Dec., 2022



Ref No. : P104263-1R2

Remark : Sound test again after 2hrs load test (40KHz 10Vrms)
no marking(+/-) PCB



ELECTRICAL SPECIFICATIONS

Model No.	UT1007-Z325YR
Construction	Open Structure
Function	Transmitter
Center Frequency	[Hz] 40K +/- 1K
Overall Sensitivity	[dBA] Nil
Sound Pressure Level	[at 10Vrms, 30cm] 116 dB min.
-6dB Direction	[degree] 80 max.
Capacitance	[at 1KHz] 2400 pF +/- 25%
Max. Input Voltage	[Vp-p] 70
Min. Detectable Range	[m] 0.2
Heat Test	Must Be Normal [80 +/- 3 °C, 24 Hours]
Cold Test	Must Be Normal [-20 +/- 3 °C, 24 Hours]
Humidity Test	40 +/- 3 °C, 92 ~ 95% R.H. 24 Hours
Terminal	Pin
Housing Material	ABS
Colour	Black
Operating Temperature	[°C] -20 ~ +80
Storage Temperature	[°C] -20 ~ +80
Weight	[gm] 1 +/- 8%