



SPL (HONG KONG) LIMITED

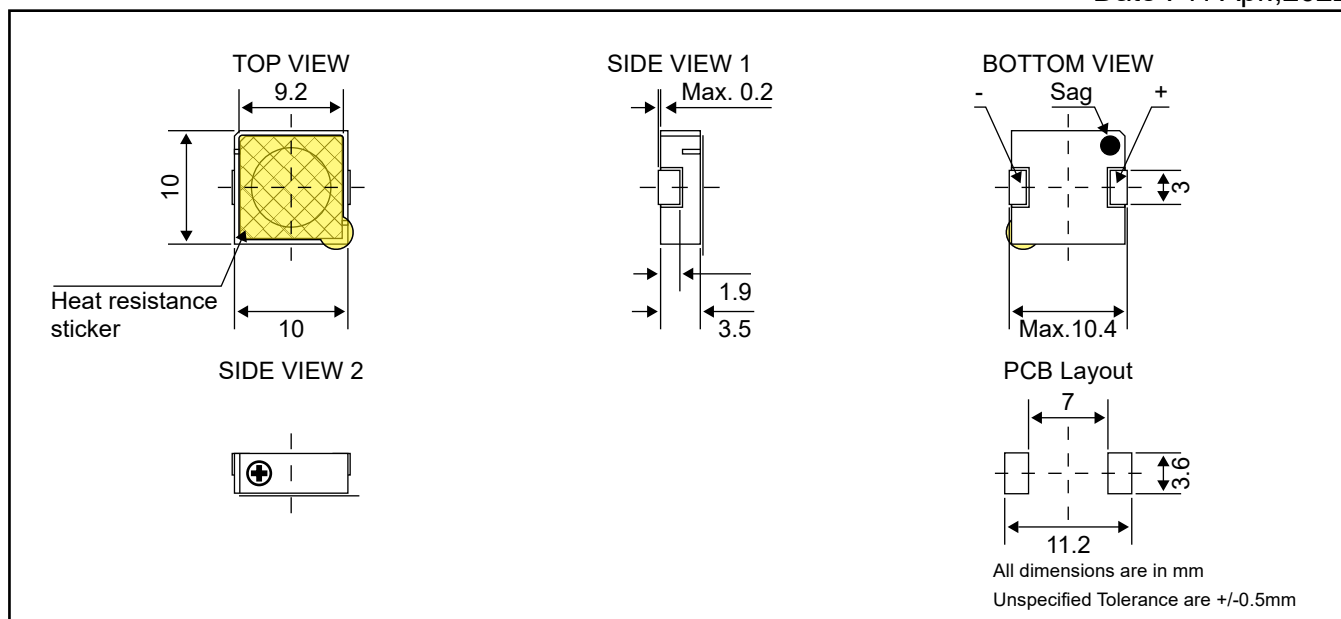
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Ultrasonic Sensor

SU1035 series

DIMENSIONS

Date : 11 Apr.,2022



Ref No. : P132007-5R2



ELECTRICAL SPECIFICATIONS

Model No.	UOD1035LSR
Construction	Open Structure
Function	Transmitter & Receiver
Center Frequency	[Hz] 40K +/- 0.7K
Overall Sensitivity	[dBA] -65+/-3 [0dB=1V/Pa]
Sound Pressure Level	[at 10Vp-p, 30cm] 114 +/- 3 dB [0dB=20uPa]
-6dB Direction	[degree] 80 max.
Capacitance	[at 1KHz] 10000 pF +/- 25%
Max. Input Voltage	[Vp-p] 30
Min. Detectable Range	[m] 0.2
Heat Test	Must Be Normal [85 +/- 2 °C, 24 Hours]
Cold Test	Must Be Normal [-40 +/- 2 °C, 24 Hours]
Humidity Test	60 +/- 2 °C, 90 ~ 95% R.H. 24 Hours
Terminal	SMD
Housing Material	LCP
Colour	Black
Operating Temperature	[°C] -30 ~ +80
Storage Temperature	[°C] -40 ~ +85
Weight	[gm] 0.9 +/- 8%