



SPL (HONG KONG) LIMITED

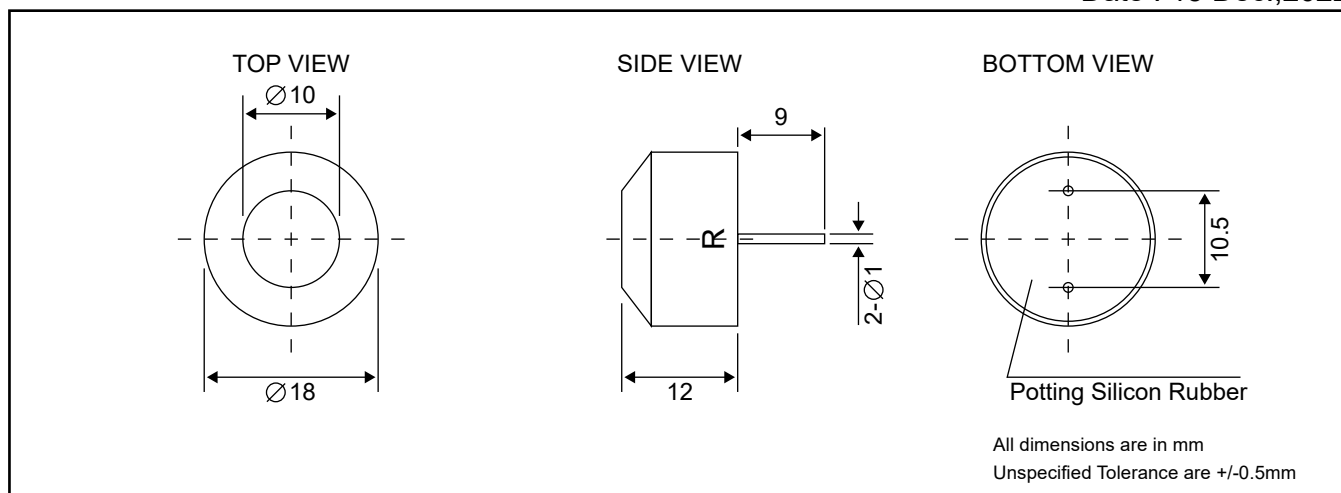
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Ultrasonic Sensor

SUC1812 series

DIMENSIONS

Date : 15 Dec.,2022



Ref No. : P104366-1R2

Remark : IP65



ELECTRICAL SPECIFICATIONS

Model No.	UCR1812MPBYR
Construction	Close Structure
Function	Receiver
Center Frequency	[Hz] 40K +/- 1K
Overall Sensitivity	[dBA] -75 min. / V / ubar
Sound Pressure Level	[at 10Vrms, 30cm] -
-6dB Direction	[degree] 60 max.
Capacitance	[at 1KHz] 2200 pF +/- 25%
Max. Input Voltage	[Vp-p] 160
Min. Detectable Range	[m] 0.3
Heat Test	Must Be Normal [85 +/- 2 °C, 24 Hours]
Cold Test	Must Be Normal [-40 +/- 2 °C, 24 Hours]
Humidity Test	40 +/- 3 °C, 90 ~ 95% R.H. 24 Hours
Terminal	Pin
Housing Material	Aluminium
Colour	Black
Operating Temperature	[°C] -35 ~ +80
Storage Temperature	[°C] -40 ~ +85
Weight	[gm] 4 +/- 1