



SPL (HONG KONG) LIMITED

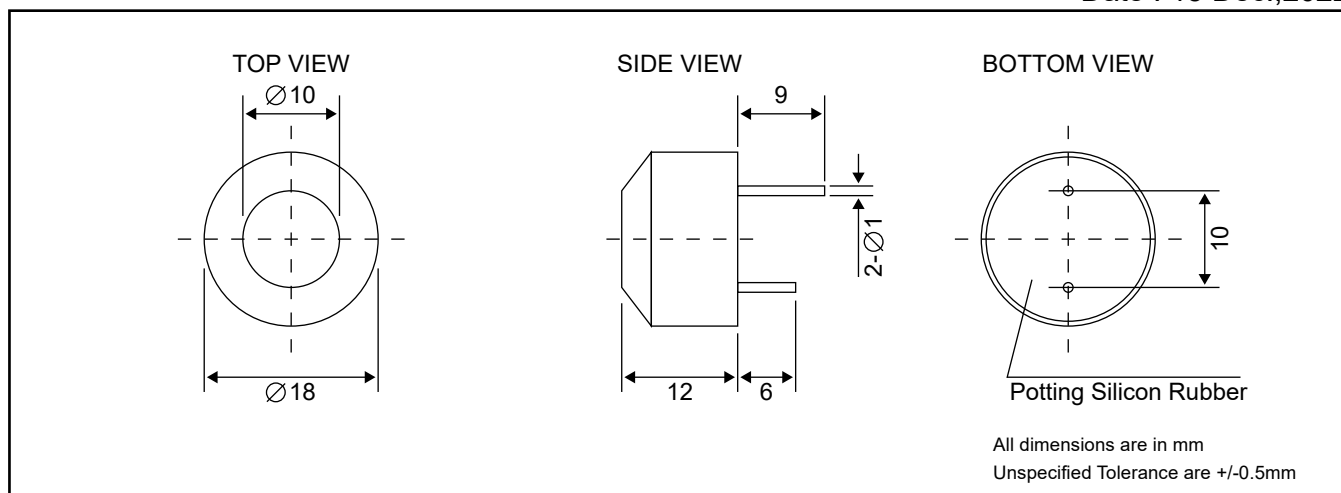
香港九龍觀塘鴻圖道57號南洋廣場17樓1703B室
Room 1703B, 17/F., Nanyang Plaza, No.57 Hung To Road, Kwun Tong, Kowloon, HK.
Tel: 852-2342 6857 / 2342 6867 Fax: 852-2342 6847 Email: sales@spl-hk.com.hk
Website: www.buzzer.com.hk ; www.transducer.com.hk ; www.connector.com.hk

Ultrasonic Sensor

SUC1812 series

DIMENSIONS

Date : 15 Dec.,2022



Ref No. : P104319-2R2

Remark : IP65



ELECTRICAL SPECIFICATIONS

Model No.	UCD1812MPBYR
Construction	Close Structure
Function	Transmitter & Receiver
Center Frequency	[Hz] 40K +/- 1K
Overall Sensitivity	[dBA] -70 min. / V / ubar
Sound Pressure Level	[at 10Vrms, 30cm] 100 dB min.
-6dB Direction	[degree] 80 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 [without label]
Storage Temperature	[°C] -40 ~ +85 [without label]
Weight	[gm] 4 +/- 8%