



SPL (Hong Kong) Limited

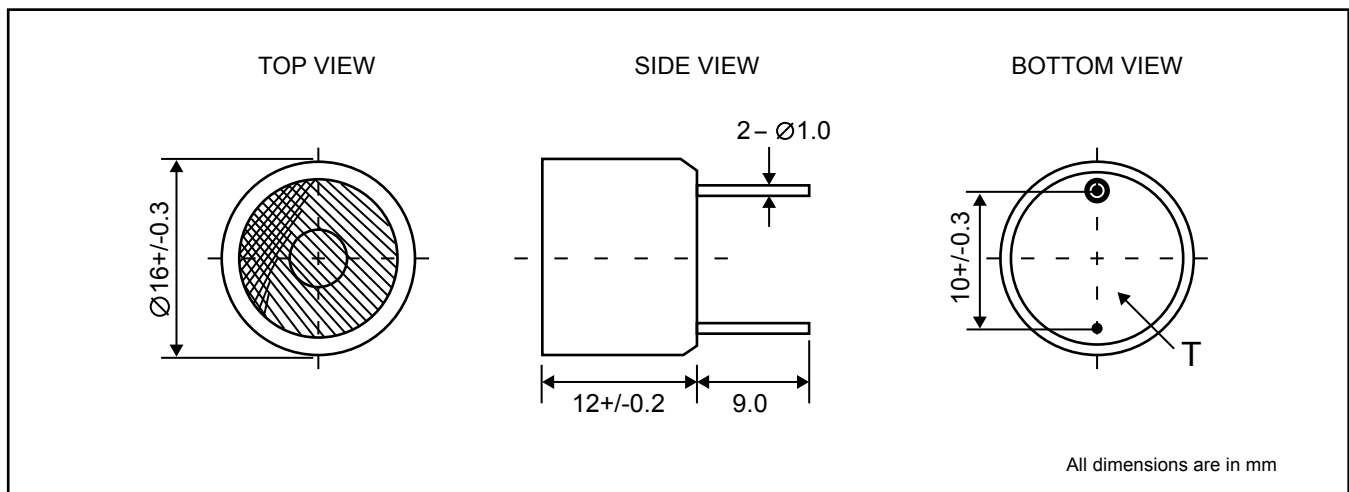
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Ultrasonic Sensor SU16 series

NEW CODE SPECIFICATION

DIMENSIONS

Date : 10 Dec, 2005



Ref. no.: -

Special Description : UT1612MP to be fulfilled RoHS regulation, (Lead Free version)

ELECTRICAL SPECIFICATIONS

Model No.	UT1612MPR
Construction	Open Structure
Function	Transmitter
Center Frequency <input type="checkbox"/>	[Hz] 40k +/- 1k
Overall Sensitivity <input type="checkbox"/>	[dBA] --
Sound Pressure Level <input type="checkbox"/>	[at 10Vrms, 30cm] 115 dB min. [0dB = 0.02mPa]
-6dB Direction <input type="checkbox"/> <input type="checkbox"/>	[degree] 50 max.
Capacitance <input type="checkbox"/> <input type="checkbox"/>	[at 1kHz] 2400 pF +/- 25%
Max. Input Voltage <input type="checkbox"/>	[Vp-p] 20
Min. Detectable Range <input type="checkbox"/>	[m] 0.2
Max. Detectable Range <input type="checkbox"/>	[m] 4
Terminal	Pin
Housing Material	Aluminium
Colour	Silver
Operating Temperature <input type="checkbox"/>	[°C] -30 ~ +85
Weight <input type="checkbox"/>	[gm] 5