

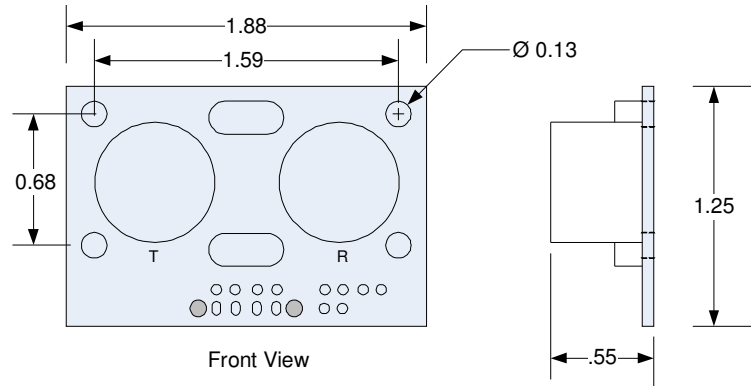
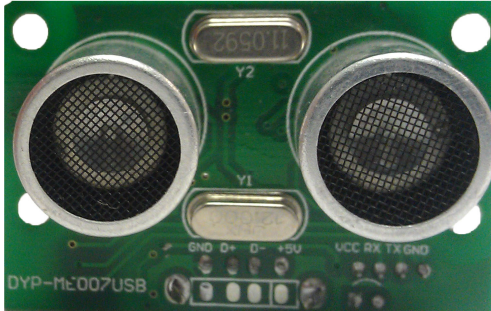
**SuperSonar I
V1.2**

Technical Data Sheet

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SuperSonar-I

Technical data sheet



Sonar Specifications:

Voltage:	5VDC
Current:	15 ma typical
Interface:	USB and serial TTL
Interface connectors:	USB A, and 2mm four pin header ?
Dimensions:	1.85" x 1.25" x .62" (not including connector)
Weight:	13 grams
Mounting:	4 places, 0.13" dia. mounting hole

Performance Specifications:

Maximum Range:	30'
Minimum range:	1 inch
Typical accuracy at 2.5':	+/- 1"
Typical accuracy at 30':	+/- 3"

Description: SuperSonar-I is a high performance USB sonar module with an advanced sonar protocol. The module allows the user to quickly develop ranging applications using a PC and high level language. Additionally, the module may interface directly with a microprocessor using TTL level transmit and receive connections to a standard UART.

The advanced sonar protocol is referred to as SuperSonar protocol A. This protocol is designed to be easy to use, yet provide enhanced and reliable operation.

Refer to documents:

- SuperSonar-1 Protocol Document (rev A5)
- QuickStart Guide
- Detection Envelope Diagram (attached)

Pinout Example Diagram

