

# MS-2013

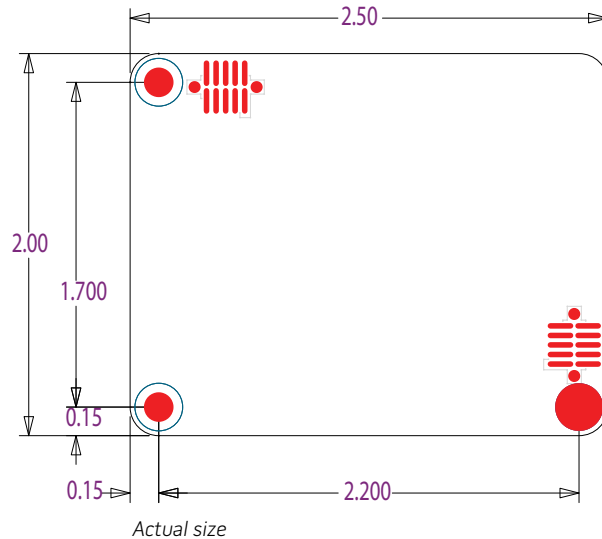
## Masimo SET OEM Board

### BOARD DIMENSIONS



Board Dimensions	Typical
Width	2.0 inch
Length	2.5 inch
Thickness	0.062 inch
Top Height	0.2 inch
Bottom Height	0.1 inch
Mounting Hole $\varnothing$	0.125 inch

Note – Connectors and Mounting Hole locations are the same as MS-13.

### BOARD OUTLINE



### CONNECTOR DATA

Connector Description	Power and Communications Connector	Sensor Connector (J1)
Number of Pins	10	10
Configuration	2 rows of 5	2 rows of 5
Angle	Vertical	Vertical
Pin Grid	0.050 inch	0.050 inch
Manufacturer Part #	Samtec SFM-105-02-S-D-A 	Samtec SFM-105-02-S-D-A 

### DC POWER REQUIREMENTS

	Typical	Maximum
Input Voltage	+5V	$\pm 0.25V$
Line/Load Regulation		1% p-p
Avg. Power	125 mW	275 mW

### SERIAL INTERFACE

Bit Rate (fixed)	9600 bps or 19200 bps
------------------	-----------------------

To find out more about the MS-2013 Board call 949-297-7000 or visit [www.masimo.com](http://www.masimo.com)

©2009 Masimo Corporation. All rights reserved.

