

Name	Digital Speedometer Information	Engineering Standard Number <b>C1-102007-A</b>
Identifier	OEM Installation and Calibration	

## 1. Scope

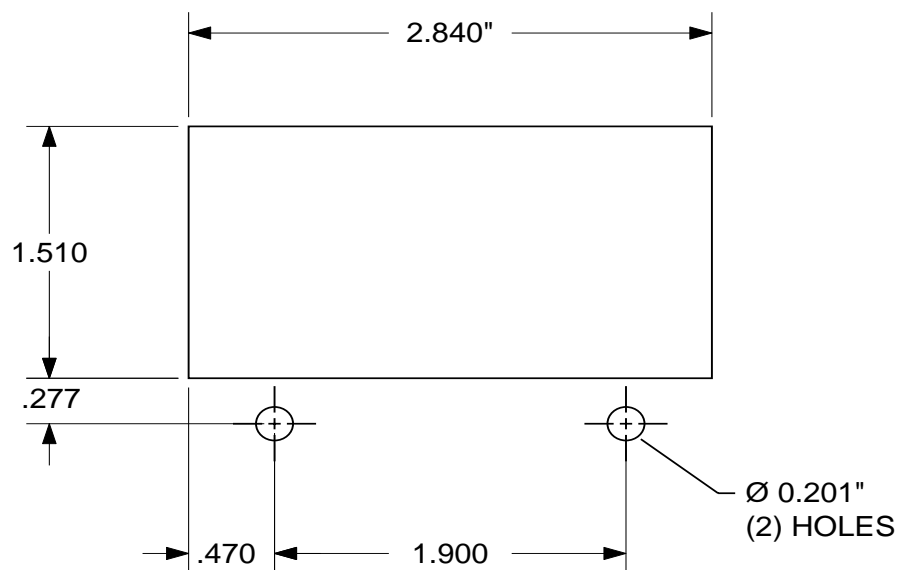
This document addresses the **Class1** digital speedometer and the installation, calibration, and operation of this unit.

## 2. Purpose

The purpose of this document is to provide the OEM with enough information to allow him to install this device and provide it to the end user fully operational and calibrated.

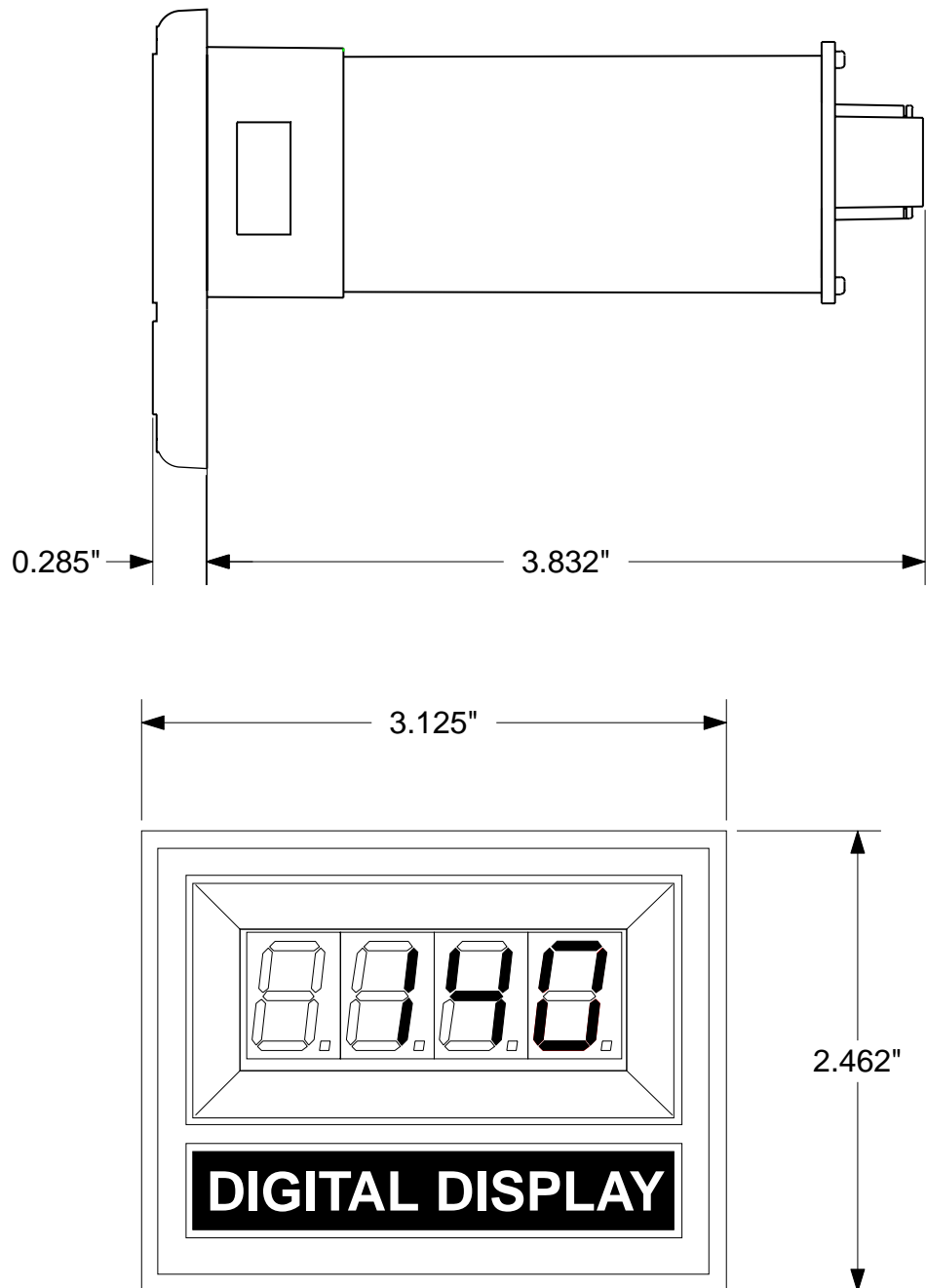
## 3. Display Installation

The speedometer display mounts in a by 2.84" by 1.51" cutout.  
Overall area necessary for installation is 3.2" by 2.5" and a depth of 5 inches.  
Two .0201 diameter holes are provided for mounting screws.



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### 3. Display Installation (cont.)



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#### 4. Electrical

The Speedometer Display is connected to the OEM harness with a Deutsch 8 pin mini-connector.

Mating Connector: DTM06-08S  
Locking Wedge WM-8S  
Mating Terminal: 0462-201-20141 20 gauge socket

Terminal Assignments:

1	N/C (no connection)
2	N/C
3	N/C
4	Display Power (Ignition 12 VDC)
5	System Ground
6	N/C
7	Pulses IN (speedometer input)
8	N/C

A usable **Pulses In** signal is available on the World Transmission wire #157 at the Vehicle Interface Module connection H-2.

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## 5. Calibration

Digital Speedometer Calibration is performed with the vehicle speed stabilized at 40 MPH or 40 KPH.

The calibration mode is enabled by the use of a “password”.

Enter the switch sequence below to enter calibration mode.

L L L R R R

Left Switch      Left Switch      Left Switch      Right Switch      Right Switch      Right switch

If the password is correctly entered, “ **Cal** ” will be displayed for 1/2 second followed by “ **40** ”.

Establish a stable vehicle speed of 40. Maintain this speed for a minimum of 15 seconds.

Activate the left switch.

The display will read “ **done** ” followed by the active speed.

Calibration is now complete.

## 6. Operation

The speedometer will display current vehicle speed whenever the display is enabled and a valid speedometer signal is received.

Range is from 0 to 120 Miles per Hour (MPH) or Kilometers per Hour (KPH) dependent on the units used for calibration.

