

## 4.3" OEM-Configurable Flat Touchscreen Display

### Model Series 2152



- OEMs configure their own interface and screens
- Provides an intuitive and interactive user experience
- Consolidates multiple gauges/meters into a single device
- 1000 Nits display is readable in direct sunlight
- Capacitive touchscreen works with most gloves
- Sealed to IP67 per IEC 60529
- Supports SAE J1939 and CAN Open protocols

### OPERATION

Delta Systems' 4.3" OEM-Configurable Touchscreen Display provides an operator-focused dashboard that keeps them in command with the efficiency, technology and sophistication expected of today's modern equipment. See fuel and/or battery level, machine status, diagnostic codes, and more in one convenient place. 24-bit color display has 480x272 resolution and is readable in direct sunlight. Sealed to IP67 with an integral sealed connector, it is ideal for on- and off-road vehicles; outdoor power, agricultural, construction, and material handling equipment; and other indoor and outdoor gas and electric powered applications. OEM's can configure their own user experience and screens using the embedded Linux OS and open-source development tools like Qt Quick and Ensemble Graphics Toolkit.

### ELECTRICAL SPECIFICATIONS

Operating Voltage Range, VDC	9-90
Operating Current, A	1.5 max (with Pin 4 output on)
MPU	600 MHz ARM9
Memory	512MB SLC, 128MB SDRAM, 2Kb Serial EEPROM, 64Mb QSPI Flash
Reverse Polarity Protected	Yes
Short Circuit Protected	Yes
Design Life, hours	2000
EMC	EN61000-6-3, FCC Part 15, Subpart B Class B
Internal 120Ω CAN Termination	Yes

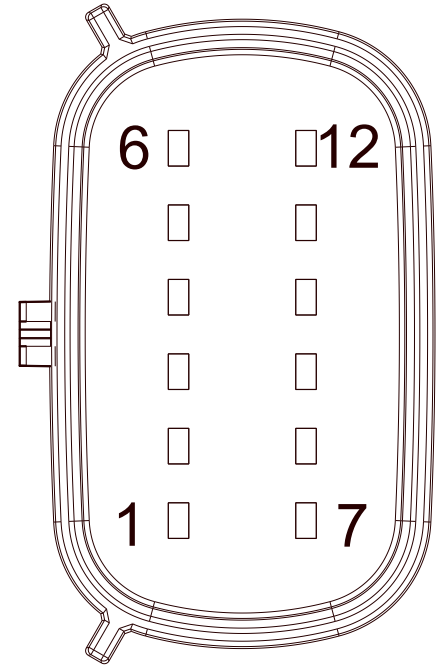
### ENVIRONMENTAL RATINGS

Ingress Protection	IEC IP67
Operating Ambient Temperature Range	-30 to 80 °C
Storage Ambient Temperature Range	-30 to 80 °C
Chemical Resistance	Insect Killer, Weed Killer, Liquid Fertilizer, Mole Repellent, Battery Acid

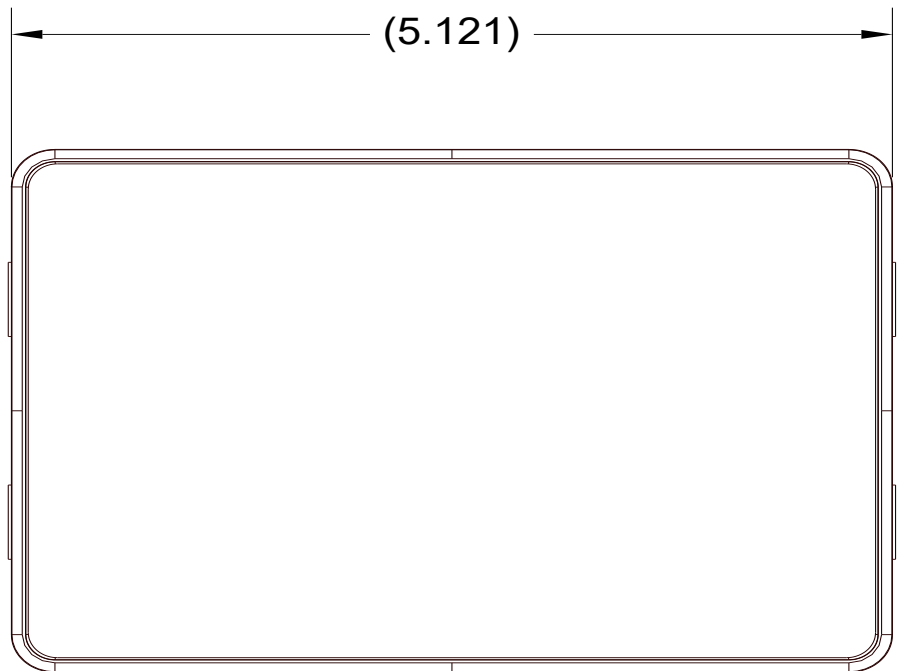
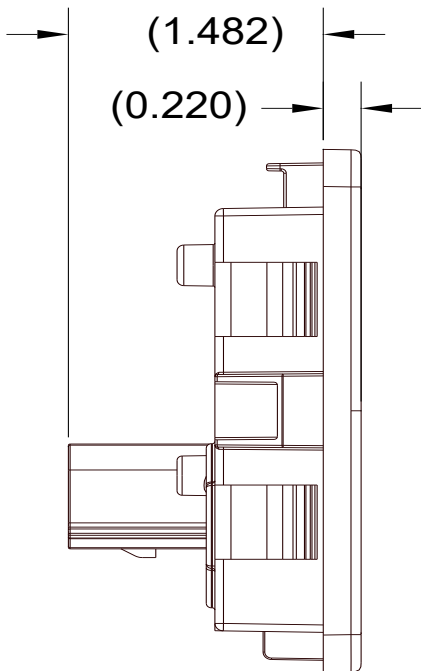
## CONNECTOR PIN-OUT

Mates with Molex P/N 33472-1206

Pin #	Function	Pin #	Function
6	Battery(+)	12	Ignition
5	Sinking Output, 25 mA max	11	Battery(-)
4	Digital Input, 3mA max	10	Not Used
3	Digital Input, 3mA max	9	High Side Driver , 0.7A max
2	USB Data (+)	8	USB Data (-)
1	CAN_L	7	CAN_H

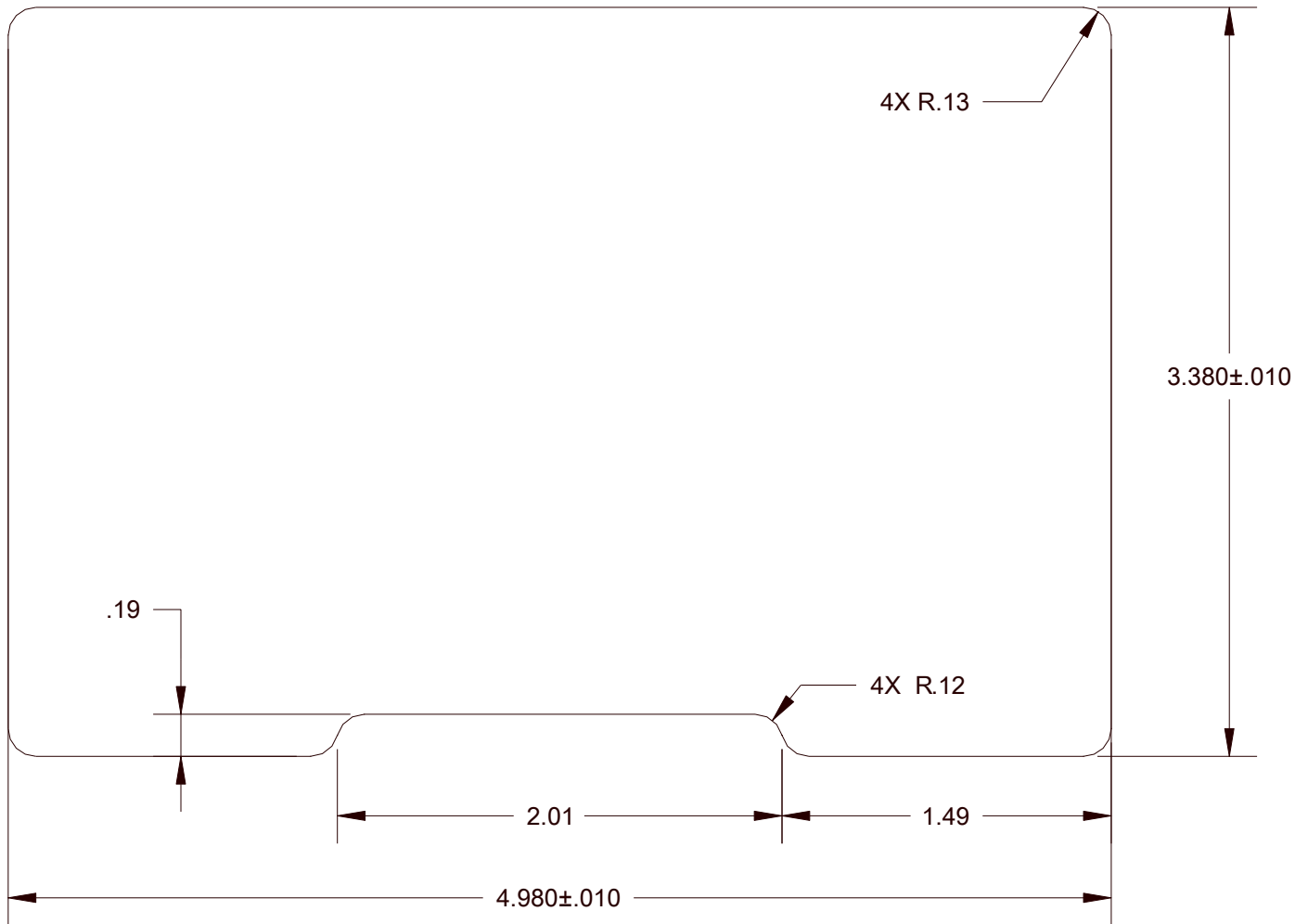


## DIMENSIONS



## MOUNTING

Snap-in mounting to .075-.134 thick panels (including paint, decals, and other coverings) with cutout as shown



Note: Life expectancy and performance are largely dependent on application. It is the user's responsibility to determine suitability of this product for the application. This information is intended as a guide for proper application.