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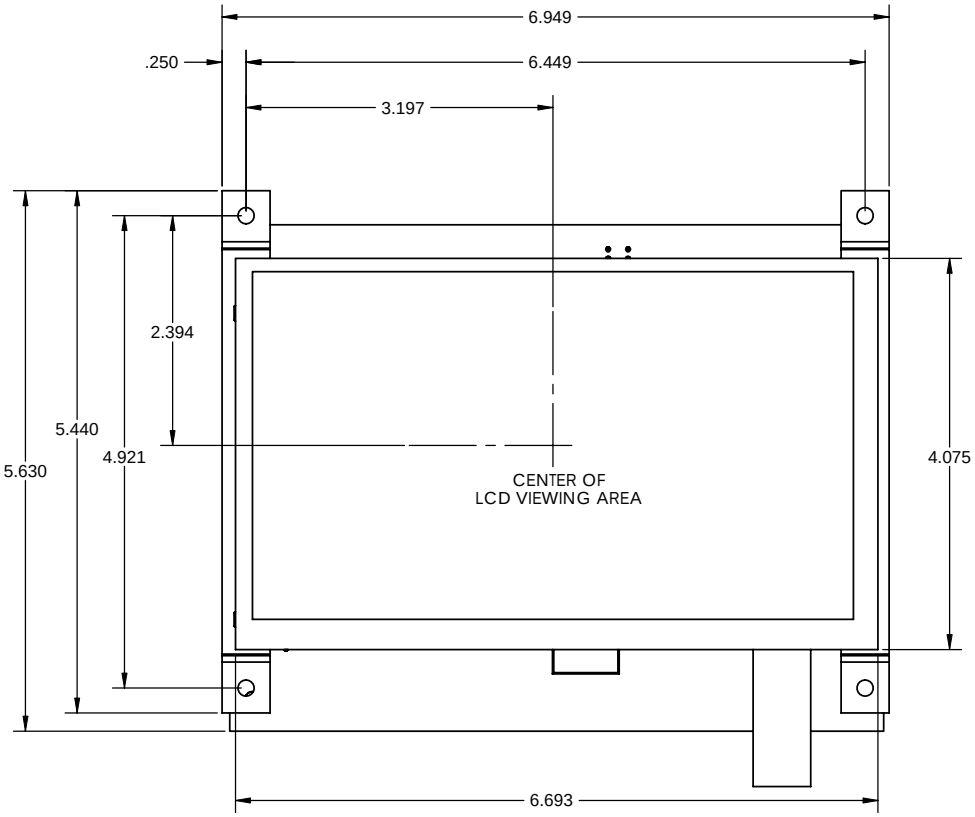
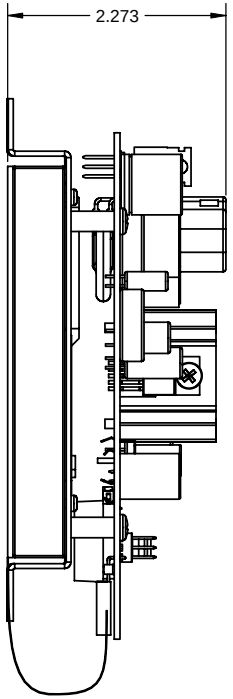
REVISIONS

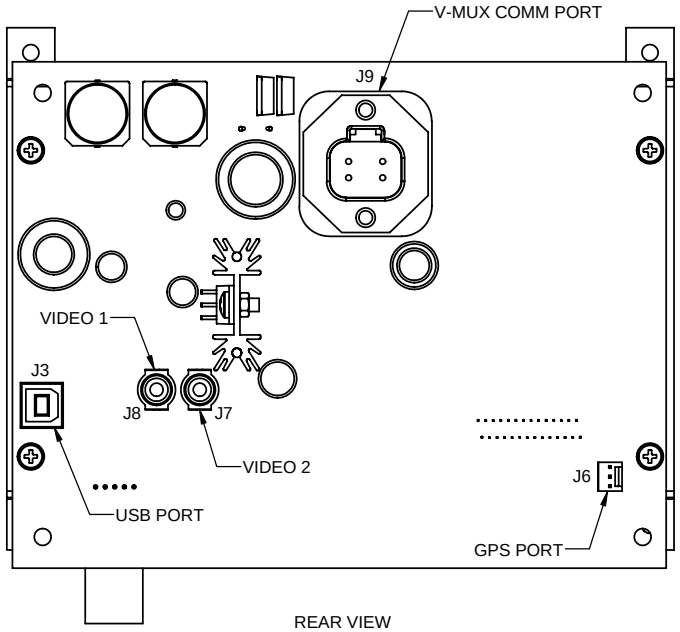
REV.	ECN #	DESCRIPTION	BY	DATE	APVD
A		RELEASE	gd		



FRONT VIEW



SIDE VIEW



REAR VIEW

V-MUX CONNECTOR PIN ASSIGNMENT	
PIN	**DESCRIPTION**
1	V-MUX COMM A
2	V-MUX COMM B
3	GROUND
4	VBATT (12/24V)

GPS CONNECTOR PIN ASSIGNMENT	
PIN	**DESCRIPTION**
1	TXD
2	RXD
3	GROUND

NOTES:

1) A RECTANGULAR CUTOUT MEASURING 3.583" x 6.220" MUST BE PROVIDED IN THE PANEL FOR THE TOUCHSCREEN ASSEMBLY. THE CUTOUT MUST BE ACCURATELY CENTERED AS SHOWN TO PREVENT ACTIVE PORTIONS OF THE TOUCHSCREEN FROM BEING ACCIDENTALLY ACTIVATED. IN ADDITION, NO RADIUS CAN BE ALLOWED AT THE CORNERS OF THE CUTOUT. IF A GASKET IS DESIRED AROUND THE CUTOUT, THEN IT MUST BE NO THICKER THAN .020" AND SHOULD BE MADE FROM A VERY LOW-DUROMETER MATERIAL SUCH AS A NEOPRENE OR A SILICONE FOAM

2) NOMINAL PANEL THICKNESS IS 3/32".

3) THE PCB ASSEMBLY SHOULD BE SECURED TO THE PANEL WITH FOUR , #8 FLAT WASHERS FOLLOWED BY SPLIT WASHERS AND 8-32 HEX NUTS. PANEL FASTENERS CONSIST OF 8-32 x .50", FLUSH-HEAD, SELF-CLINCHING STUDS (PEM FHS-832-8 OR EQUIVALENT).

4) THE MATING CONNECTOR FOR THE V-MUX COMM PORT IS A DEUTSCH DT06-4S USING DEUTSCH 0462-201-16141, 18AWG, CRIMP TERMINALS AND THE MATING CONNECTOR FOR THE GPS PORT IS AN AMP 171822-3 USING AMP 170204.4 CRIMP TERMINALS.

5) SPECIFICATIONS: OPERATING TEMPERATURE RANGE IS -40 °C TO +85 °C
OPERATING VOLTAGE RANGE IS +9VDC TO +32VDC.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
X.XXX - ±0.005
X.XX - ±0.020
X.X - ±0.050
ANGLES - ±0.5°

MATERIAL

FINISH

DO NOT SCALE DRAWING

CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE

APPROVALS		DATE
DRAWN	GD	5/13/08
CHECKED		
MFG ENG		
QUAL ENG		
PROJECT NO.	00119-7	

WELDON TECHNOLOGIES, INC.

VISTA LCD TOUCHSCREEN
(REAR PANEL MOUNTING)

SIZE C | PART NO. C0N30-2392-00 | REV. A

SCALE 1:2 | WELDON COMPUTER GRAPHICS | SHEET 1 OF 1