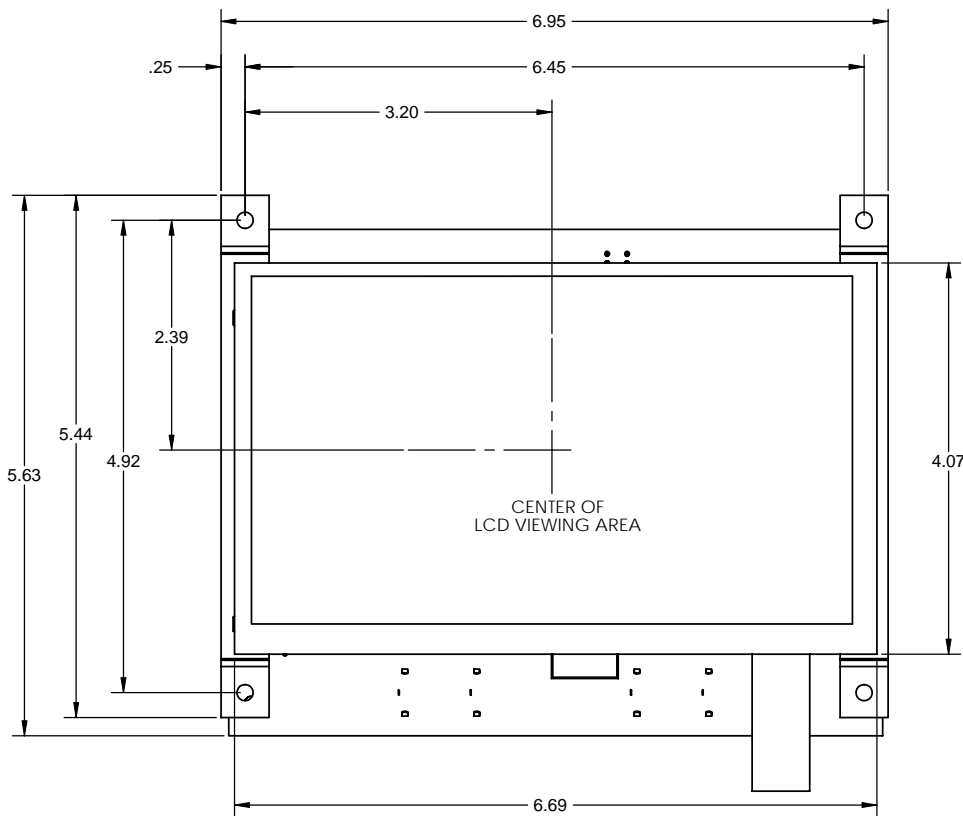
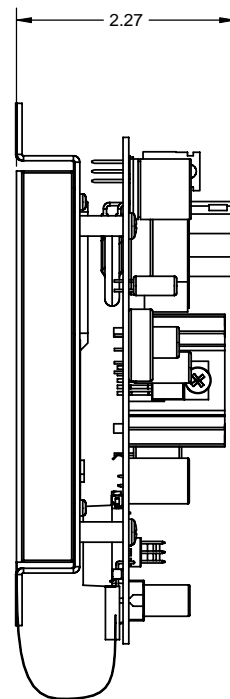


THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF WELDON TECHNOLOGIES, INC. AND MAY NOT BE COPIED, REPRODUCED, OR DEVELOPED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF WELDON TECHNOLOGIES, INC. AS IT IS BEING PROVIDED SOLELY FOR THE CONVENIENCE OF THE USER AND SHALL BE RETURNED TO WELDON TECHNOLOGIES, INC. UPON REQUEST.

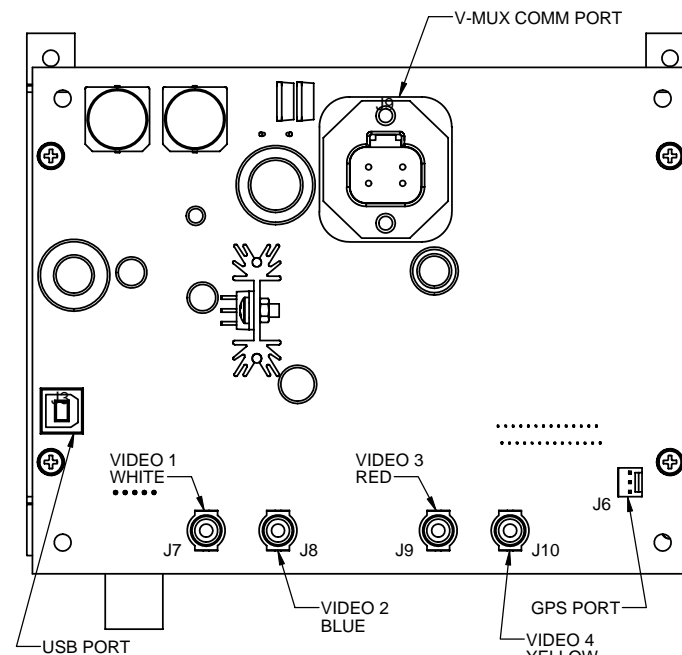
REV		ECN #	DESCRIPTION	BY	DATE	APPROV
A			RELEASE	GD		
B	0853		REVISED PCB TO SHOW CURRENT CONFIGURATION.	LH	10/30/08	ST



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 - .0100 X.XX - .0100 X.X - .0150 ANGLES - .015	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE.		WELDON TECHNOLOGIES, INC.	
	APPROVALS	DATE	VISTA LCD TOUCHSCREEN (REAR PANEL MOUNTING)	
DRAWN	GD	5/13/08		
MATERIAL	CHECKED		PART NO. C0N30-2392-00 REV. B	
FINISH	MEG ENG			
DO NOT SCALE DRAWING	QUAL ENG		PROJECT NO. 00119-7	SCALE 1:2
				WELDON COMPUTER GRAPHICS SHEET 1 OF 1