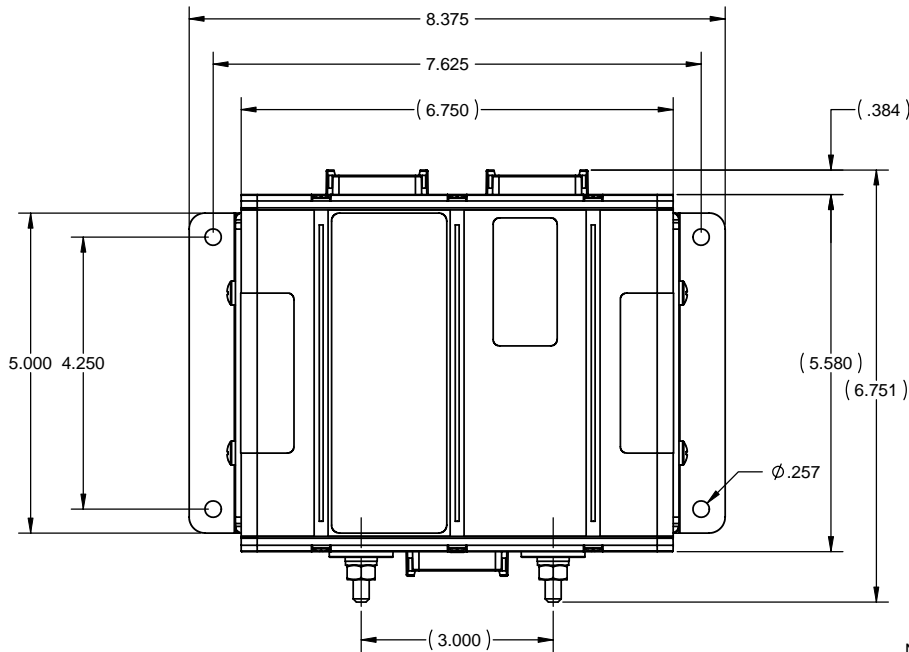
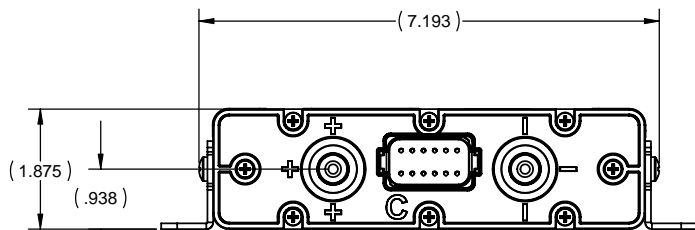


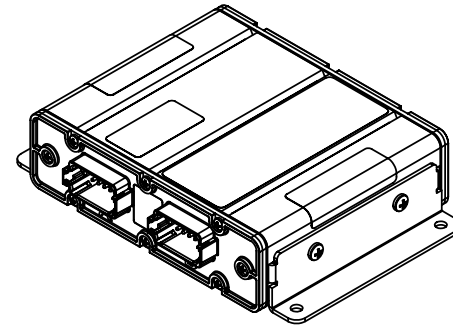
REAR VIEW



TOP VIEW



FRONT VIEW



ISOMETRIC VIEW

8 x 16 V-MUX Node 6030-0000-00											
Pin 1 H-side 1 Out	Pin 2 H-side 2 Out	Pin 3 H-side 3 Out	Pin 4 H-side 4 Out	Pin 5 H-side 5 Out	Pin 6 H-side 6 Out	Pin 7 H-side 7 Out	Pin 8 Lo-side 1 Out	Pin 9 Input 1	Pin 10 Input 2	Pin 11 Input 3	Pin 12 Unused
Pin 1 H-side 8 Out	Pin 2 H-side 9 Out	Pin 3 H-side 10 Out	Pin 4 H-side 11 Out	Pin 5 H-side 12 Out	Pin 6 H-side 13 Out	Pin 7 H-side 14 Out	Pin 8 Lo-side 2 Out	Pin 9 Input 4	Pin 10 Input 5	Pin 11 Input 6	Pin 12 Unused
Pin 1 V-Mux comm1 A	Pin 2 V-Mux comm1 B	Pin 3 Unused	Pin 4 Aux comm2 A	Pin 5 Aux comm2 B	Pin 6 Unused	Pin 7 Analog 1 In	Pin 8 Analog 2 In	Pin 9 Analog gnd	Pin 10 5V (500mA) Out	Pin 11 End Out	Pin 12 Unused
Connector A			Connector B			Connector C			www.v-mux.com		

PRODUCT LABEL DETAILING  
CONNECTOR PIN ASSIGNMENTS

NOTES:

- 1) THE FOLLOWING DEUTSCH MATING CONNECTORS ARE REQUIRED TO CONNECT TO THIS NODE:  
CONNECTOR "A" = DT06-12SA (GRAY), CONNECTOR "B" = DT06-12SB (BLACK), AND CONNECTOR "C" = DT06-12SC (GREEN). TO MAINTAIN ENVIRONMENTAL PERFORMANCE, ALL UNUSED CONNECTOR POSITIONS MUST BE PLUGGED WITH A DEUTSCH, SEALING PLUG P/N 114017.
- 2) SPECIFICATIONS: OPERATING TEMPERATURE RANGE IS -40 °C TO +85 °C  
OPERATING VOLTAGE RANGE IS +9VDC TO +32VDC  
OUTPUT CURRENT RATING IS 80A CONTINUOUS  
ENVIRONMENTAL RATING IS IP-66  
STANDBY CURRENT RATING IS 50mA @ +12VDC & 40mA @ +24VDC
- 3) POWER AND GROUND SHOULD BE CONNECTED TO THE NODE USING 1/4" RING TERMINALS. THE WIRE SELECTED MUST BE CAPABLE OF GREATER THAN 80A CONTINUOUS SUPPLY CURRENT. CONNECTIONS SHOULD BE TORQUED TO 55 IN/LBS ±5 IN/LBS.
- 4) MOUNTING HOLES ARE PROVIDED FOR FOUR, 1/4"-20 FASTENERS POSITIONED AS SHOWN.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: X.XXX - .0005 X.XX - .0020 X.X - .0050 ANGLES - .015°				CADD GENERATED DRAWING: DO NOT MANUALLY UPDATE				WELDON TECHNOLOGIES, INC.			
MATERIAL:				APPROVALS		DATE		8 X 16 V-MUX NODE (W/PWR STUDS & MNTG BRACKETS)			
				DRAWN		GD 5/29/08					
FRESH				CHECKED		5/29/08		C6030-0000-00			
				MFG ENG							
DO NOT SCALE DRAWING				QUAL ENG				PART NO.			
				PROJECT NO.		00149		SCALE			
						1:2		WELDON COMPUTER GRAPHICS			
								SHEET 1 OF 1			