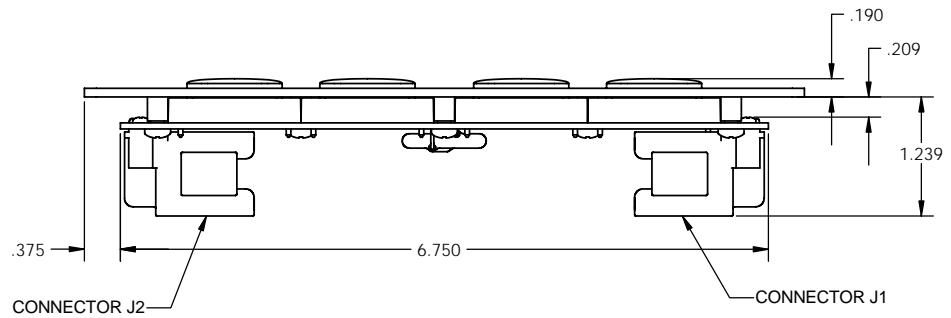
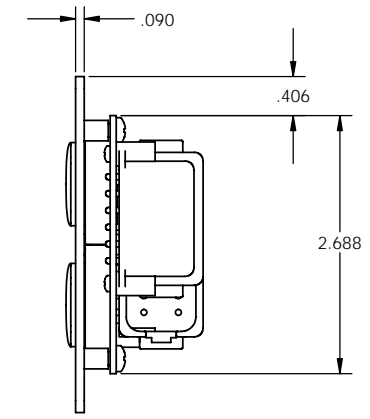
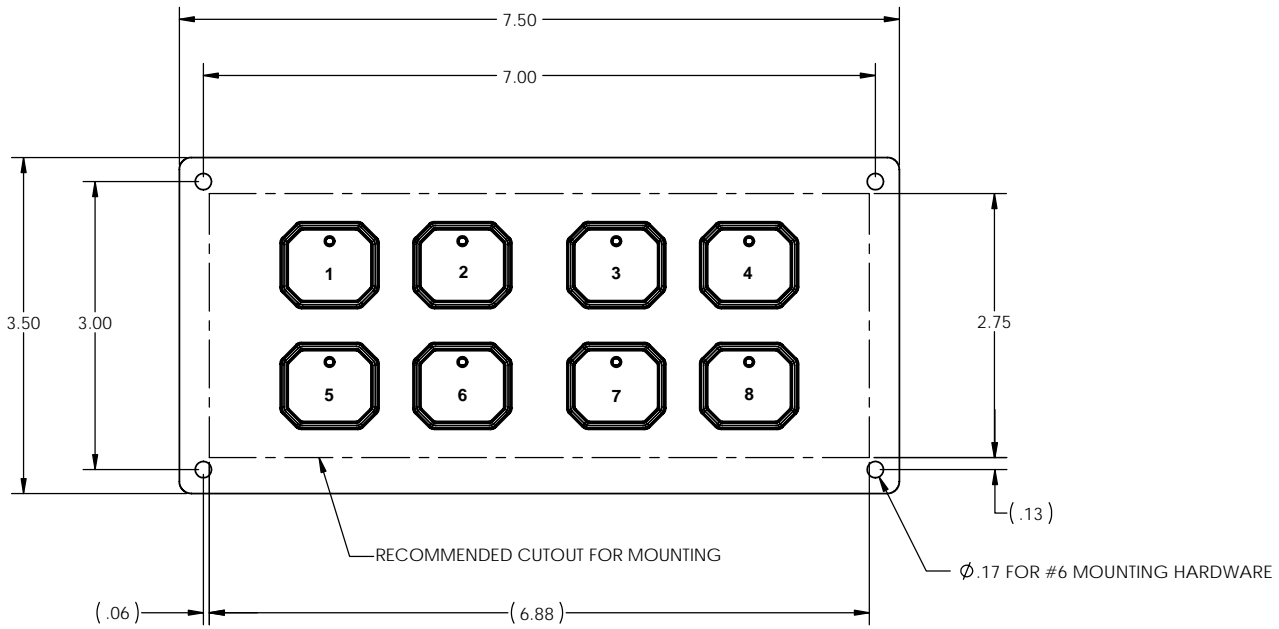


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REVISIONS				
REV.	ENGR.	DESCRIPTION	BY	DATE
A	00002	RELEASE TO PRODUCTION	GD	7/10/04
B	00013	CHANGED R26 TO ZERO OHM JUMPER	GD	6/21/05



J1 CONNECTOR PINOUT		J2 CONNECTOR PINOUT	
PIN #	DESCRIPTION	PIN #	DESCRIPTION
1	KEY 1 INDICATOR LED	5	KEY 5 INDICATOR LED
2	NORMALLY-OPEN KEY 1	6	NORMALLY-OPEN KEY 5
3	KEY 2 INDICATOR LED	7	KEY 6 INDICATOR LED
4	KEY 4 INDICATOR LED	8	KEY 8 INDICATOR LED
5	KEY 3 INDICATOR LED	9	KEY 7 INDICATOR LED
6	+12 VDC SEE NOTE 3	10	+12 VDC SEE NOTE 3
7	NORMALLY-OPEN KEY 4	11	NORMALLY-OPEN KEY 8
8	NORMALLY-OPEN KEY 3	12	NORMALLY-OPEN KEY 7
9	NORMALLY-OPEN KEY 2		NORMALLY-OPEN KEY 6
10	KEYSWITCH COMMON (GND or +12 V)		KEYSWITCH COMMON (GND or +12 V)
11	LED BACKLIGHT (+12 V)		LED BACKLIGHT (+12 V)
12	GROUND		GROUND

INDICATOR LED'S ARE RED; BACKLIGHT LED'S ARE BLUE.

CAUTION: A REVERSE BATTERY CONDITION (PINS 6 AND 12) WILL PERMANENTLY DAMAGE THE DEVICE.

ATTENTION: THIS UNIT IS INTENDED FOR DRY (INTERIOR) APPLICATIONS ONLY.

NOTES:

- 1) WHEN INSTALLING THE SWITCH PANEL DO NOT APPLY POWER UNTIL THE UNIT IS SECURELY MOUNTED.
- 2) CLEAR, ACRYLIC KEY CAPS ARE SHIPPED WITH EACH PANEL TO ALLOW FOR THE INSTALLATION OF CUSTOM KEY LEGENDS. BLANK SHEETS OF LASER-PRINTABLE KEY LEGENDS ARE AVAILABLE (WELDON P/N 0020-1736-00) WITH 88 DIE-CUT LEGENDS PER SHEET. AFTER THE APPROPRIATE LEGEND IS INSTALLED, SIMPLY PUSH THE CLEAR, KEY CAP OVER THE KEY.
- 3) WHEN PLANNING CONNECTOR WIRING, BE SURE TO ROUTE +12 V POWER (PIN #6) TO ONLY ONE OF THE CONNECTORS IN ORDER TO AVOID ANY DIFFERENCE IN POTENTIAL THAT MAY BE CAUSED THROUGH WIRING VOLTAGE DROPS.
- 4) SWITCHES MAY BE CONFIGURED TO BE EITHER GROUNDLED WHEN A KEY IS PRESSED OR TO PRESENT +12 V WHEN A KEY IS PRESSED. THE SELECTION IS MADE BY TYING KEYSWITCH COMMON (PIN #10) TO GROUND OR +12 V. UPPER AND LOWER BANKS OF SWITCHES MAY BE TIED INDEPENDENTLY TO +12 V OR GROUND.
- 5) SWITCH INDICATOR LED'S ARE OPERATED INDEPENDENTLY OF THE PHYSICAL SWITCH AND MUST BE DRIVEN BY AN EXTERNAL +12V SOURCE. INDICATOR DRIVE CURRENT IS LESS THAN 20mA PER SWITCH.
- 6) MATING CONNECTORS ARE DT06-12SA FOR CONNECTOR J1 AND DT06-12SB FOR CONNECTOR J2.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CAD GENERATED DRAWING. DO NOT MANUALLY EDIT.		WELDON TECHNOLOGIES, INC.	
TOLERANCES ARE: XXX - .0100 XX - .0020 X - .0010 ANGLES - .01°		APPROVALS	DATE	PART NO.	
MATERIAL:		GD	7/14/04	C6300-0800-00	
FINISH:		ST	7/16/04	REV B	
DO NOT SCALE DRAWING		PROJECT NO.	00131	SCALE	1:1
		WELDON COMPUTER GRAPHICS		SHEET 1 OF 1	