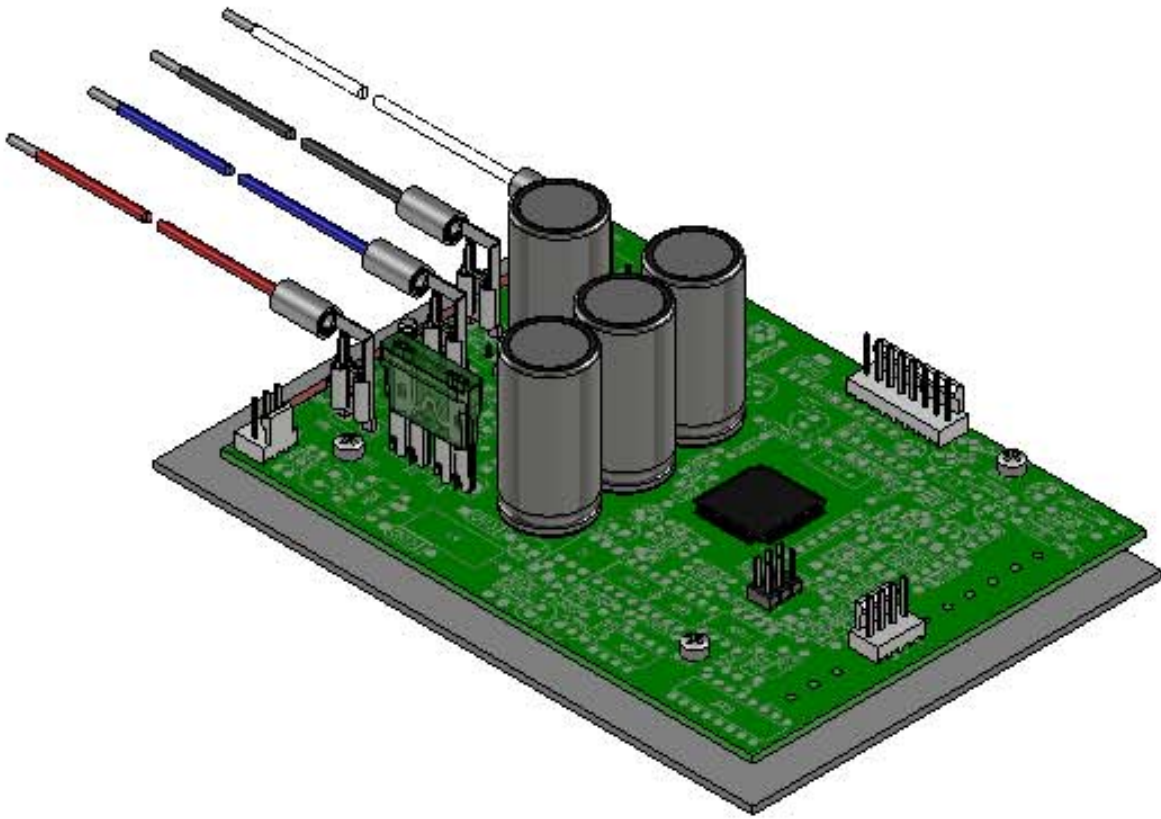
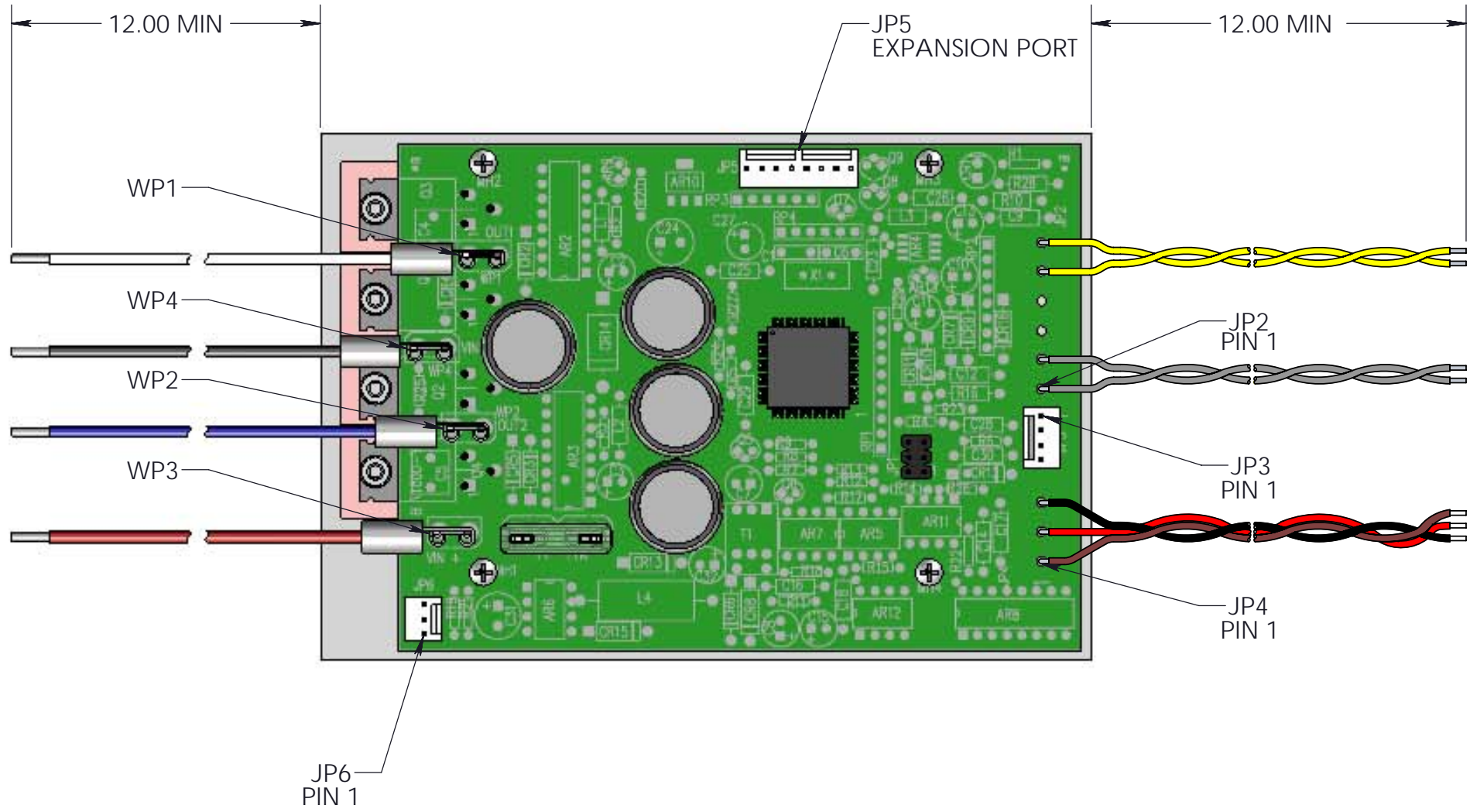
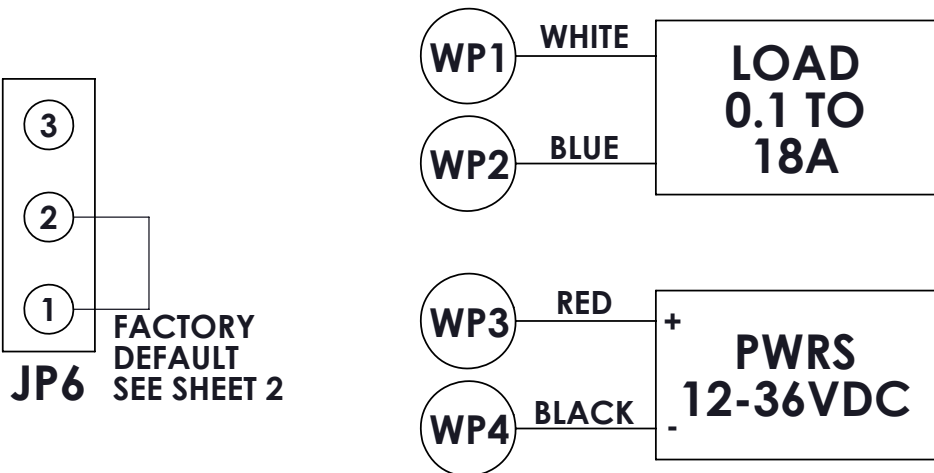
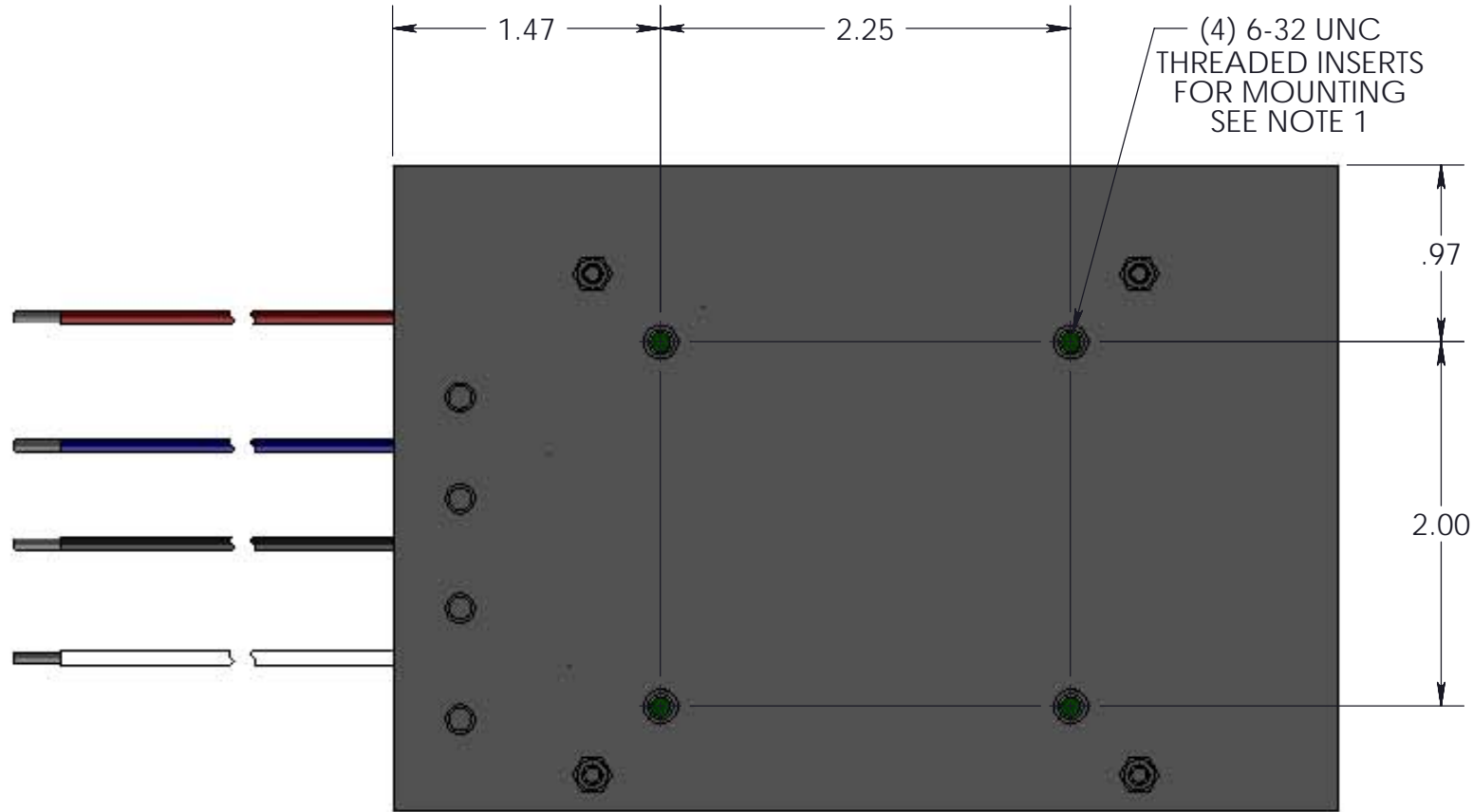
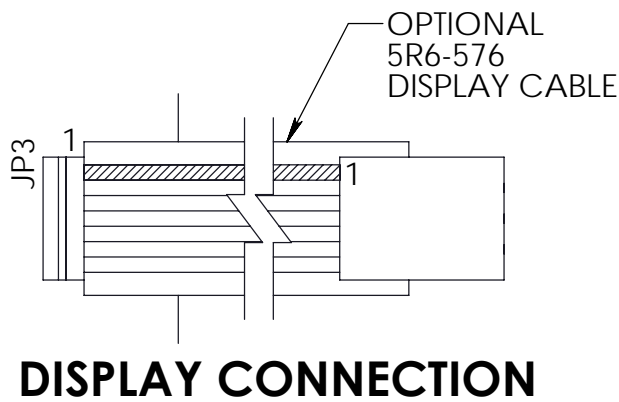
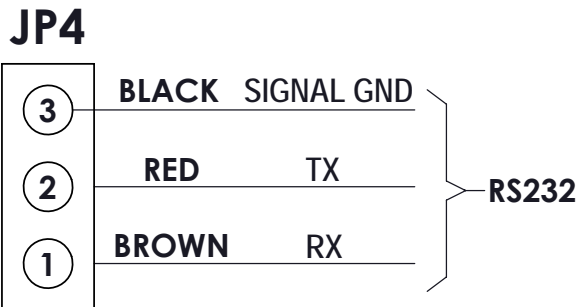
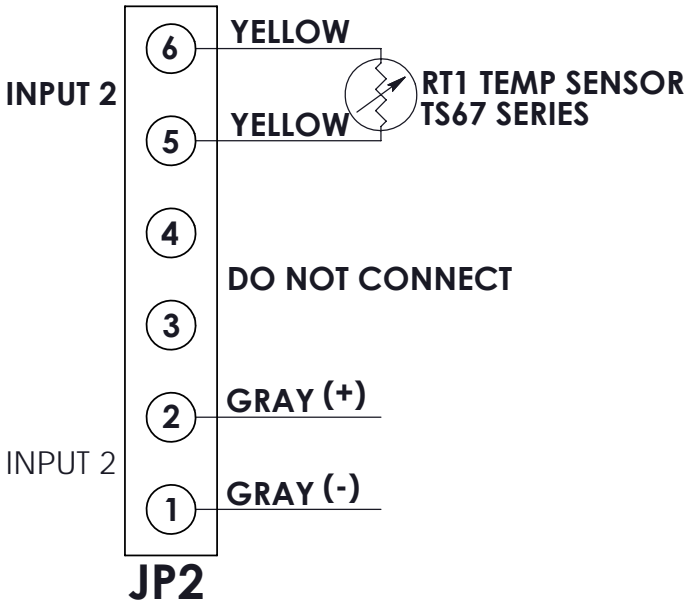
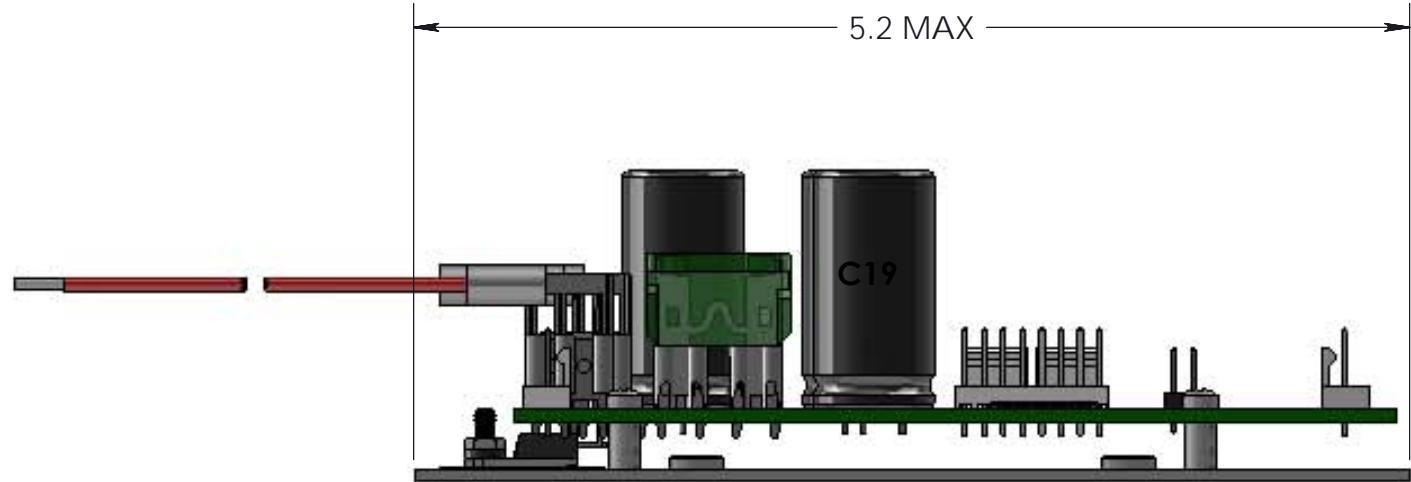
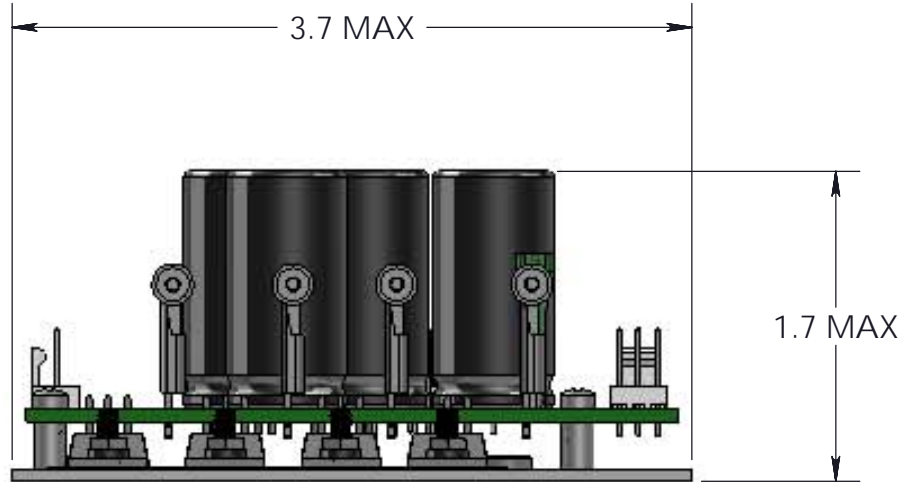



REVISIONS						
ZONE	REV	DESCRIPTION	BY	DATE	APPR.	DATE
	A	ADDED QUICK DISCONNECT TERMINALS TO RED, BLACK, BLUE & RED WIRES	TAS	7/23/10	TAS	7/23/10
	B	REMOVED JP2 & JP4 CONNECTORS ADDED WIRE LENGTH DIMENSIONS	TAS	12/22/10	DS	12/22/10



ISOMETRIC 3-D VIEW
NOT TO SCALE



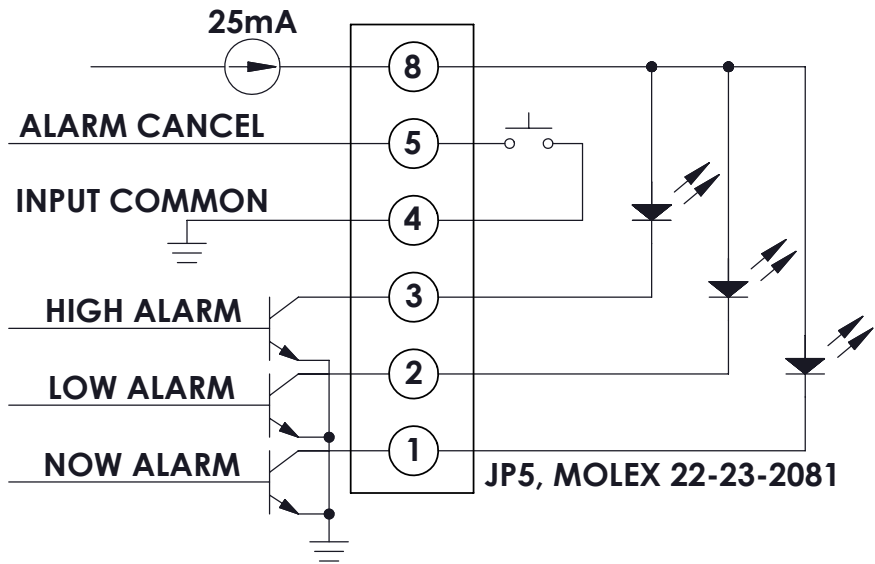
NOTE:
1. TO AVOID CONTACT WITH P. C. BOARD COMPONENT LEADS, 6-32 MOUNTING SCREWS MAY NOT PROTRUDE MORE THAN .063 ABOVE THREADED INSERTS

>>>RoHS COMPLIANT<<<						
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCES 2 PLACE DEC. ± .02 3 PLACE DEC. ± .010 FRACTIONS ANGLES	SIGNATURES		DATE	 OVEN INDUSTRIES INC. P. O. BOX 290, MECHANICSBURG, PA. 17055		
	DRAWN: TAS		7/16/10			
	CHECK: DS		7/22/10			
	MATERIAL:			CUSTOMER DRAWING		
SIZE C		FSCM NO. 21302	DWG NO. CDR-00355			
SCALE 1:1		MODEL: 5R7-635	SHEET 1 OF 2			

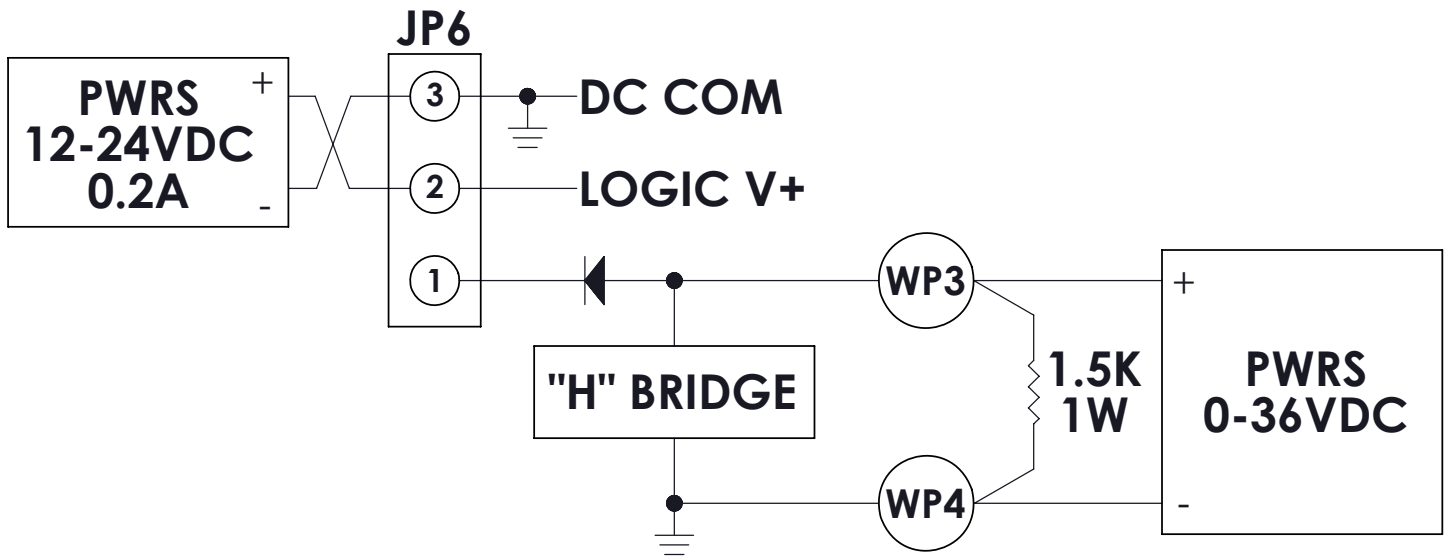
1 REVISIONS						
ZONE	REV	DESCRIPTION	BY	DATE	APPR.	DATE
		SEE SHEET 1 FOR REVISION INFORMATION				

CUSTOMER WIRING:

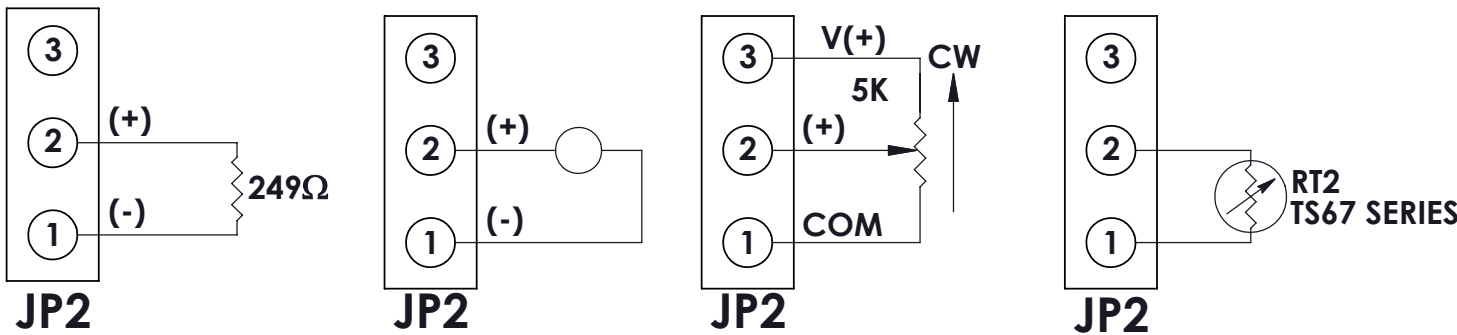
JP5, EXPANSION CONNECTOR:



OPTIONAL DUAL POWER SUPPLY:



SETPOINT OPTIONS:



0-20mA
OPTION

0 TO 5VDC
OPTION

REM POT
OPTION

REF TEMP
SENSOR
OPTION

ACCESSORIES:

MODEL 5C7-576/5R7-576 DISPLAY: 4 DIGIT TEMPERATURE READOUT FOR DISPLAYING SET TEMPERATURE OR ACTUAL TEMPERATURE WITH CAPABILITY TO ADJUST THE SET TEMPERATURE.

OPTIONAL HEAT SINK: RECOMMENDED FOR 15A OR GREATER LOAD. ADD H3 TO THE END OF THE PART NUMBER TO ORDER.

FEATURES:

H-BRIDGE CONTROL
PID OR ON/OFF CONTROL
PC CONFIGURABLE ALARM CIRCUIT
0-36VDC OUTPUT USING DUAL POWER SUPPLY
RS232 COMMUNICATION PORT
ROHS COMPLIANT

SPECIFICATIONS:

SET TEMPERATURE RANGE: -40°C TO 250°C DEPENDENT ON SENSOR SELECTION

TEMPERATURE RESOLUTION: 0.01°C
CONTROL STABILITY: ±0.01°C
PROCESS CONTROL RATE: 90 TIMES PER SECOND

PID FUNCTIONS:


BANDWIDTH: 0.1°C TO 50°C
INTEGRAL: 0 TO 10 REPEATS PER MINUTE
DERIVATIVE: 0 TO 10 MINUTES

SINGLE SUPPLY VOLTAGE: 12 TO 36VDC

LOAD VOLTAGE: 0 TO 36VDC WITH DUAL SUPPLY
LOAD CURRENT: 0.1 TO 18A
OUTPUT POWER RESOLUTION: ±0.2%
PWM BASE FREQUENCY: 2.7KHZ
POWER DISSIPATION: 10W MAX AT RATED LOAD
H-BRIDGE ON RESISTANCE: .015Ω

AMBIENT TEMPERATURE RANGE: -20°C TO 70°C

>>>RoHS COMPLIANT<<<

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	SIGNATURES		DATE	 OVEN INDUSTRIES INC. P. O. BOX 290, MECHANICSBURG, PA. 17055		
	DRAWN:	TAS	7/16/10			
	CHECK:	DS	7/22/10	CUSTOMER DRAWING		
	TOLERANCES					
2 PLACE DEC. ± .02	MATERIAL:			SIZE	FSCM NO.	DWG NO.
3 PLACE DEC. ± .010				C	21302	CDR-00355
FRACTIONS				SCALE	MODEL:	SHEET
ANGLES				-	5R7-635	2 OF 2