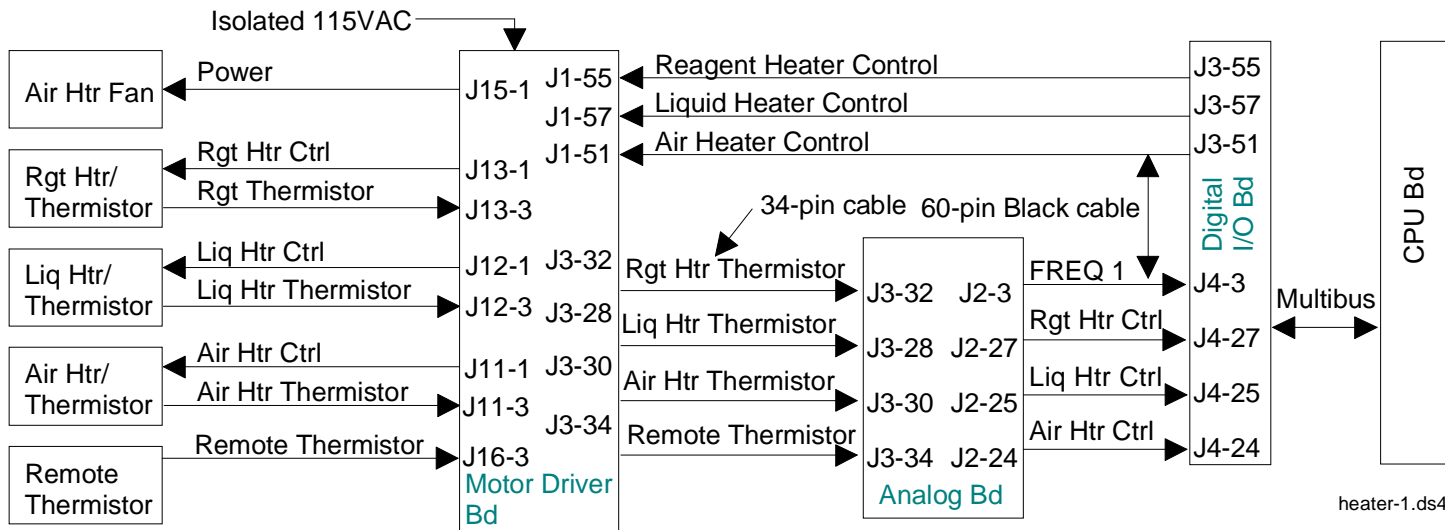
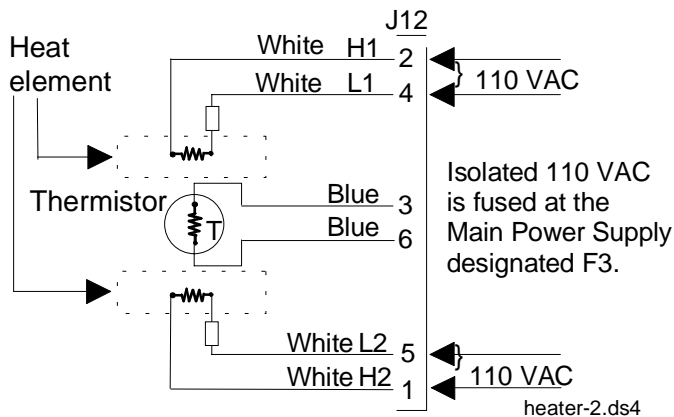


Heater Assembly (pg 1 of 5)

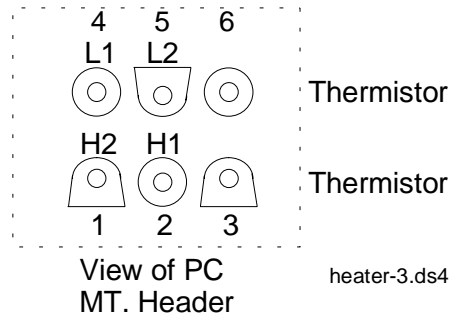
Signal Pathways



Heater Assembly (pg 2 of 5)



Pins 1 and 5	heater	approx. 320 Ω
Pins 2 and 4	heater	approx. 320 Ω
Pins 3 and 6	thermistor	approx. 100 K Ω at room temperature



Heater Assembly (pg 3 of 5)

Connector Pin Callouts

From Air Heater (Air Htr) Assy to Motor

From Air Htr	To Motor	Wire #	Remarks	Color
P11 - 1	J11 -1	1	Heater	Red
P11 - 2	J11 -2	2	Heater	Red
P11 - 3	J11 -3	3	Thermistor	Brown
P11 - 4	J11 -4	4	Thermistor	Brown

From Liquid Heater (Liq Htr) Assy to Motor

From Liq Htr	To Motor	Wire #	Remarks	Color
P12 - 1	J12 -1	6	H2	White
P12 - 2	J12 -2	5	H1	White
P12 - 3	J12 -3	3	T	Blue
P12 - 4	J12 -4	1	L1	White
P12 - 5	J12 -5	2	L2	White
P12 - 6	J12 -6	4	T	Blue

Heater Assembly (pg 4 of 5)

Connector Pin Callouts (cont)

Remote Thermistor (Rem Therm) to Motor

From Rem Therm	To Motor	Wire #	Color
P16 - 1	J16 -1	1	
P16 - 2	J16 -2	2	
P16 - 3	J16 -3	3	Green
P16 - 4	J16 -4	4	Green
P16 - 5	J16 -5	5	

Remote Thermistor: Analog Bd to Sensors

From Analog Bd	To	Wire #	Color
J1 - 12	Sensor	1	Black
J1 - 13	Sensor	2	Green
J1 - 25	Pot Pin 3/Sensor	3	White
J1 - 26	Pot Pin 1/Sensor	4	Red

Heater Assembly (pg 5 of 5)

Connector Pin Callouts (cont)

From Reagent Receiver/Heater Block (RR/HB)
to Motor and LLS Board

From RR/HB	To Motor	Wire #	Remarks	Color
P13 - 1	Dig I/O J13-1	1	Thermostat	Purple
P13 - 2	Dig I/O J13-2	2	Heater	Black
P13 - 3	Dig I/O J13-3	3	Thermistor	Green
P13 - 4	Dig I/O J13-4	4	Thermistor	Green
P5 - 1	LLS Bd -NC-	5	Receiver	NC
P5 - 2	LLS Bd P5-2	6	Receiver	coax
P5 - 3	LLS Bd P5-3	7	Receiver	coax