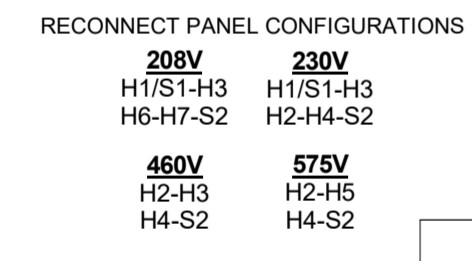
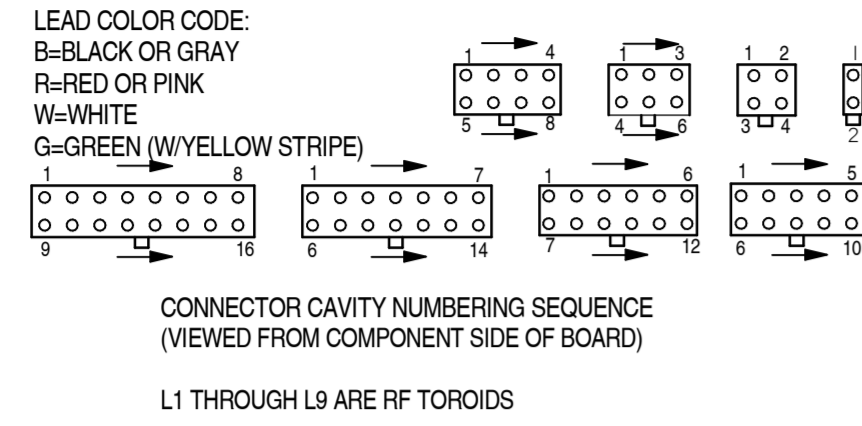
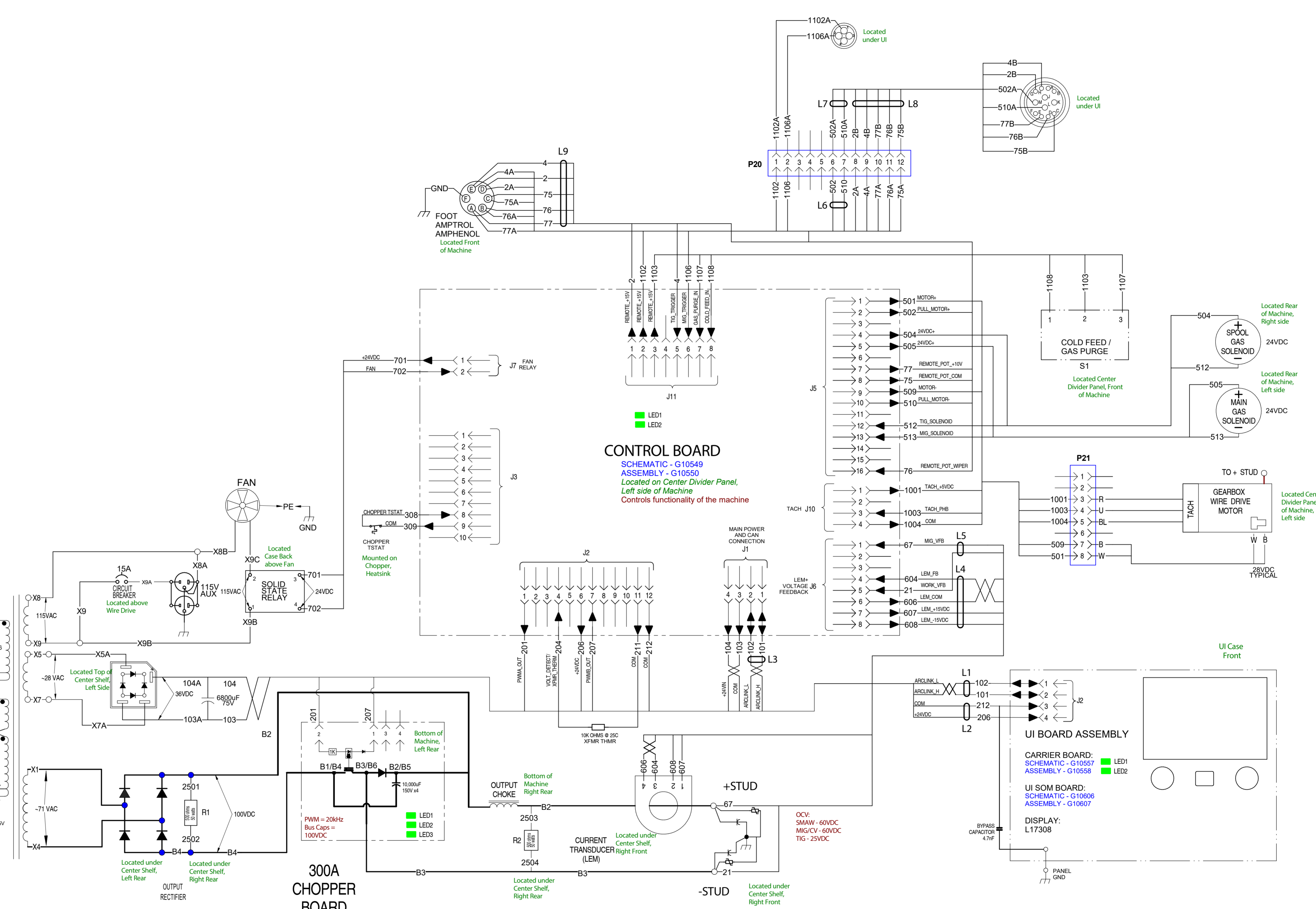


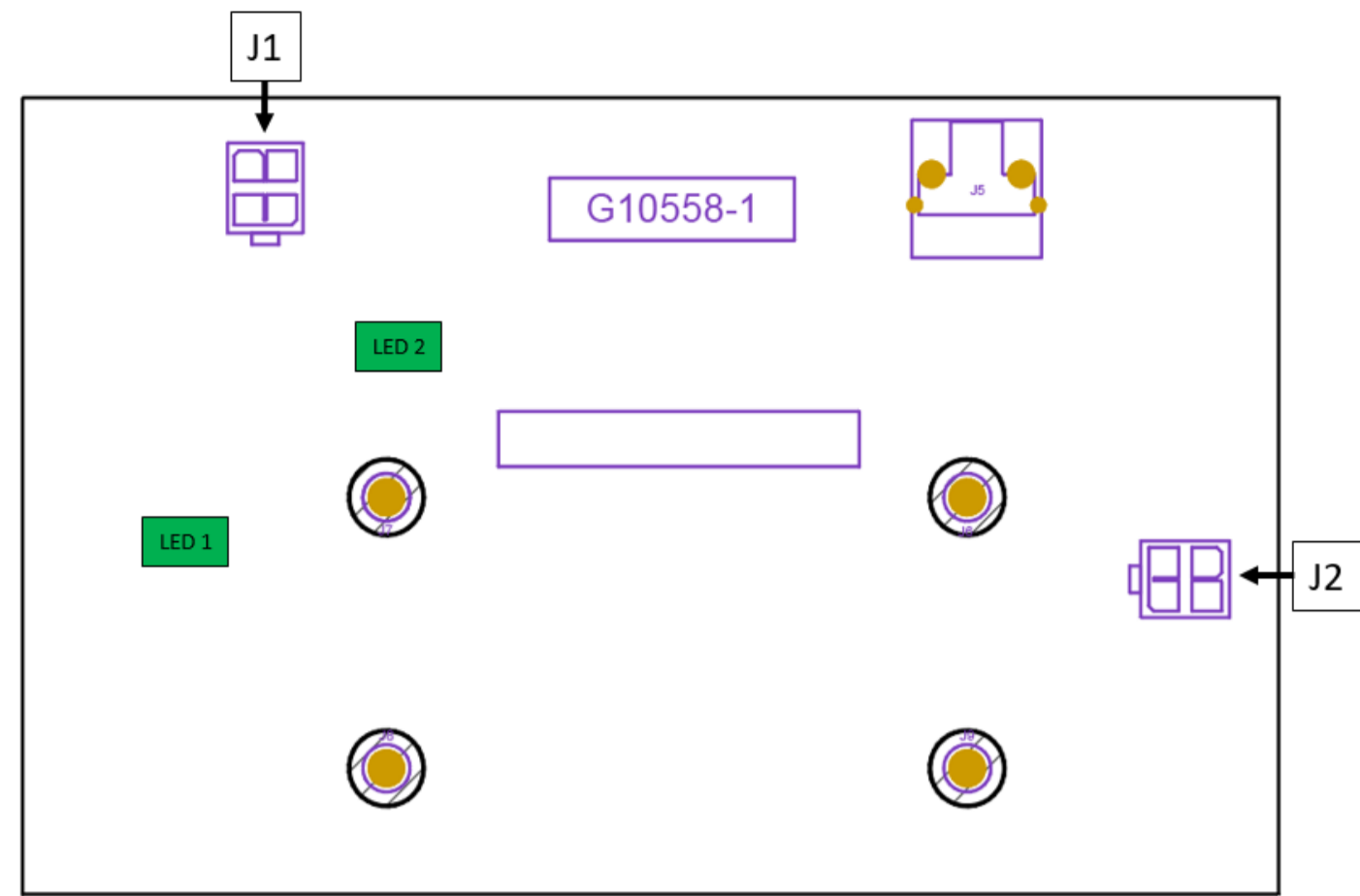
# POWER MIG 262MP MACHINE SCHEMATIC G10761 REV: A.04



SECONDARY VOLTAGES SHOWN ARE NO LOAD RMS VALUES

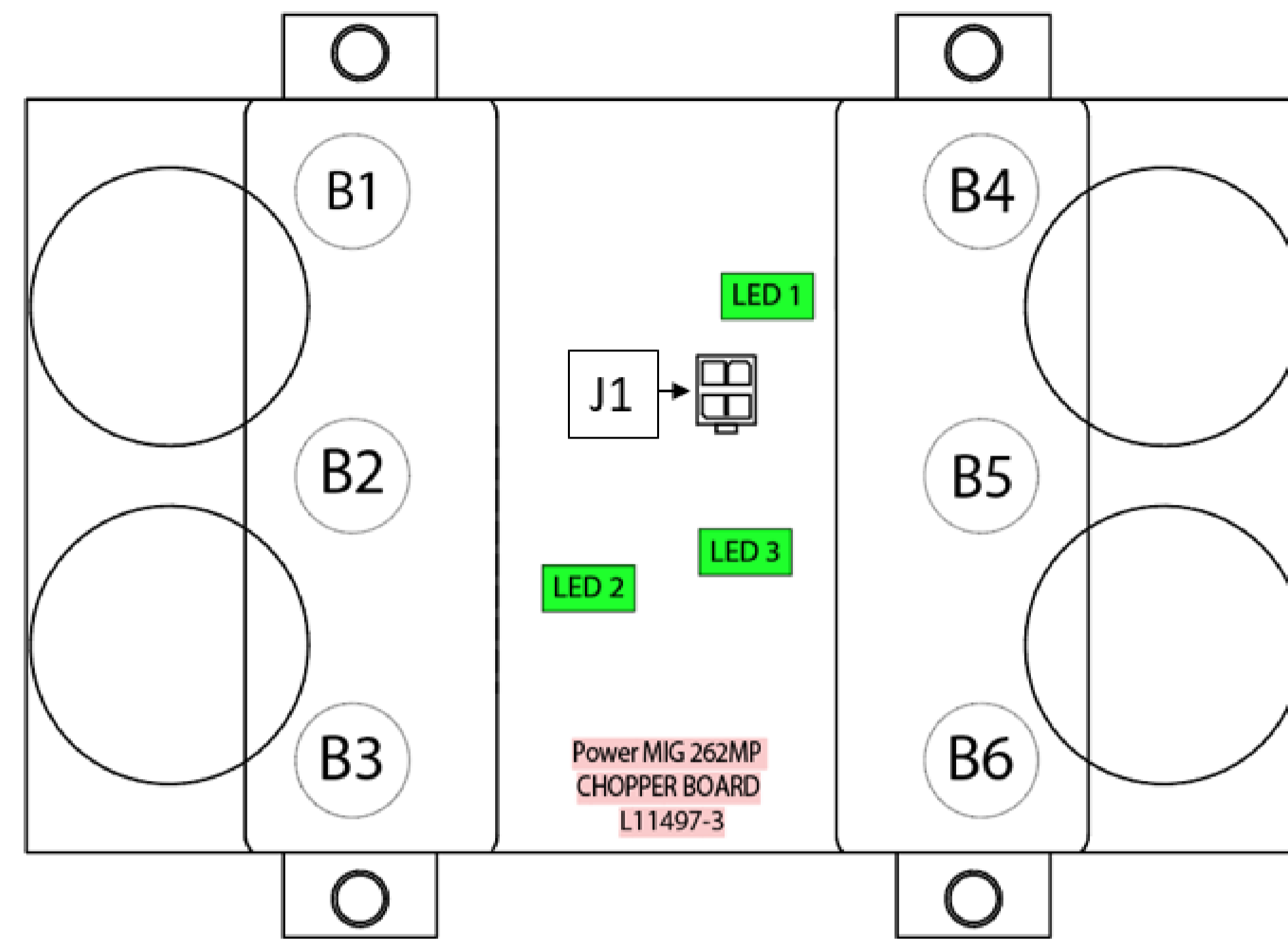


<b>LEAD COLOR CODE:</b> B-BLACK or GRAY G-GREEN O-ORANGE R-RED U-BLUE W-WHITE Y-YELLOW	<b>COMPONENT VALUE UNITS:</b> CAPACITOR: MFD/VOLTS RESISTOR: OHMS/WATTS
<b>LABELS:</b> ⊕ COMMON ≡ FRAME GROUND ⊕ EARTH GROUND	<b>CONNECTOR PIN NUMBERS:</b> EX: 12 PIN CONNECTOR  VIEW OF CONNECTOR ON PCB BOARD



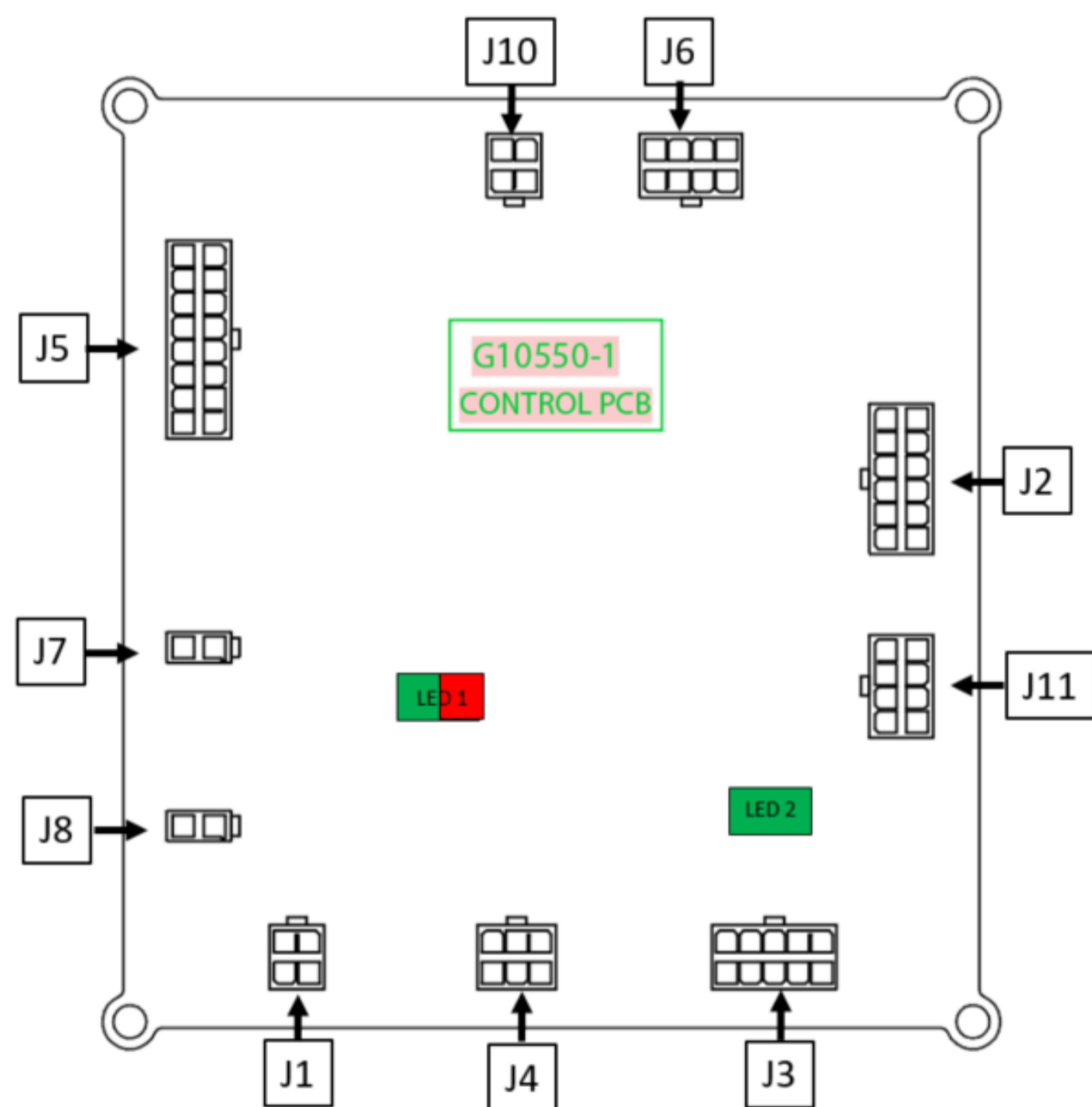
G10558 UI BOARD  
BOTTOM VIEW

ON BOARD LEDS FOR THE UI BOARD			
LED	COLOR	FUNCTION	INDICATION
1	GREEN	+5V SOURCE	NORMAL CONDITION: STEADY GREEN
2	GREEN	+5VCAN SOURCE	NORMAL CONDITION: STEADY GREEN



L11497-3 CHOPPER BOARD  
TOP VIEW

ON BOARD LEDS FOR THE CHOPPER BOARD			
LED	COLOR	FUNCTION	INDICATION
1	GREEN	PWM INPUT	NORMAL CONDITION: OUTPUT OFF - LED OFF OUTPUT ON - RAPID BLINKING OR STEADY GREEN
2	GREEN	BUS VOLTAGE	NORMAL CONDITION: STEADY GREEN
3	GREEN	CHOPPER SWITCHING	NORMAL CONDITION: OUTPUT OFF - LED OFF OUTPUT ON - RAPID BLINKING OR STEADY GREEN



G10550 CONTROL BOARD  
TOP VIEW

ON BOARD LEDS FOR THE CONTROL BOARD			
LED	COLOR	FUNCTION	INDICATION
1	GREEN	STATUS	NORMAL CONDITION: STEADY GREEN FAULT CONDITION: OFF OR BLINKS FAULT CODE - RED
2	GREEN	+15V SOURCE	NORMAL CONDITION: STEADY GREEN

FAN OPERATION	
STARTUP	FAN TURNS ON FOR 5 SECONDS THEN CYCLES OFF
OUTPUT	FAN TURNS ON WHEN OUTPUT OR OCV IS TRIGGERED. FAN RUNS FOR 7 MINUTES AFTER OUTPUT/OCV IS OFF.
THERMAL	FAN TURNS ON WHEN TRANSFORMER THERMISTOR REACHES THE "IDLE THERMAL THRESHOLD". FAN TURNS OFF WHEN TRANSFORMER THERMISTOR REACHES THE "CLEAR THERMAL TRIP" SET POINT.

<p>LEAD COLOR CODE:</p> <p>B-BLACK or GRAY G-GREEN O-ORANGE R-RED U-BLUE W-WHITE Y-YELLOW</p> <p>LABELS</p> <p>⇩ COMMON</p> <p>⏏ FRAME GROUND</p> <p>⏏ EARTH GROUND</p>	<p>COMPONENT VALUE UNITS:</p> <p>CAPACITOR: MFD/VOLTS RESISTOR: OHMS/WATTS</p> <p>CONNECTOR PIN NUMBERS:</p> <p>EX. 12 PIN CONNECTOR</p> <p>VIEW OF CONNECTOR ON PCB BOARD</p>
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