NOTES:

1) Reference designations “WP” are wire pads.

2) WP1 (28V_IN) and WP2 (28V_RTN) are the power input to the module.

3) Pigtails with lugs from WP17 and WP18 connect to the chassis plate assembly with terminal lugs.

4) Note that R2, 0.0 ohms, is the secondary ground to chassis connection.

5) C1 may not needed as the EMI filter has a 22uF.

6) 120k resistor R1 is on the 6.5V converter ONLY (trims the output to 6.0V), otherwise OPEN.

7) WP15 and WP16 daisy-chain secondary ground between modules.

8) The circuit board is common to all 5 DC-DC converters. The converter P/N is assigned at fabrication. See chart below.