DC-DC Converter Module

NOTES:
1) Reference designations "WP" are wire pads.
2) WP1 (28V_IN) and WP2 (28V_RTN) are the power input to the module. WP3 and WP4 daisy-chain the 28V power and return to the next module.
3) Pigtailed with lugs from WP19 and WP20 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 be 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) WP21 and WP22 daisy-chain signal 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.