15-W and 30-W DC-DC Converters Come in Metal Packaging

XP Power announced additions to its range of low power DC/DC converters. The 15-W JCM15 comes in a 1" x 1" metal package, with the 30-W JCK30 being available in a metal case that measures 2" x 1". These encapsulated PCB mounted converters accommodate a wide 2:1 input voltage range, accepting either 9 - 18, 18 - 36 or 36 - 75 VDC, covering the nominal inputs of +12, +24 or +48 VDC. Single output models provide +3.3, +5, +12 or +15 V DC, while the duals offer +/-5, +/-12 or +/-15 VDC. All outputs are fully regulated to within +/- 0.5 percent over all input and load conditions for the single output models and less than +/- 1.0 percent for the dual outputs. The JCK30 can operate at full output power from -40C to +50 C, and the JCM15 up to +65C, without derating. With a maximum case temperature of + 105C, no additional heat sinking or forced airflow is required making the converters suitable for most operating environments. The converters feature an input to output and input/output to case isolation of 1,600 VDC for up to one minute. Both models feature a remote on/off control line. This can be used to control the output rails or to sequence start-up procedures. All units feature overvoltage and continuous short circuit protection.

XP Power
800-253-0490, www.xppower.com [1]

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