

DC/DC Converter Helps Reduce Global Energy Consumption



Ericsson Power Modules introduced three PKD-E products: the PKD4218LE SI providing 1.2V at 20A, the PKD4218HE SI providing 1.5V at 14A, and the 3.3V at 15A-rated PKD4510E SI. The products are aimed at existing PKD customers seeking cost-optimization programs, low building height applications requiring surface-mount DC/DC modules and a wide range of applications -- such as process control -- that use 48V distributed power architectures. The product is chiefly driven by cost-reduction programs, and by customers concerned with reducing the overall energy consumption and environmental impact of their businesses. The PKD-E has a high efficiency that reduces heat and component stress. This results in an MTBF >1.7 million hours. Because PKD-E is fully interoperable (mechanically and electrically) with the original PKD, customers already using PKD can easily implement PKD-E when developing new applications or reducing cost on existing systems. The PKD-E Series products comply with the European RoHS directive and meet the requirements of high temperature, lead-free, and reflow soldering processes.

Ericsson Power Modules

972-583-6910, www.ericsson.com [1]

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