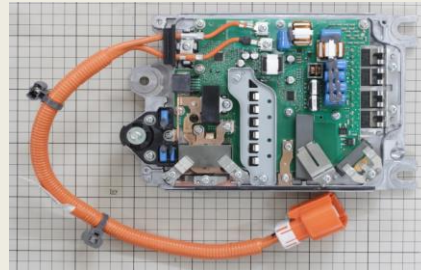


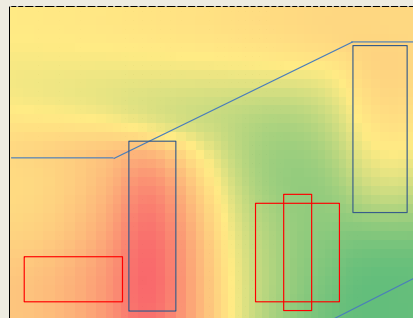
THERMAL PERFORMANCE ANALYSIS REPORT

TDK 12V DC-DC CONVERTER FOR THE NISSAN XTRAIL HYBRID VEHICLE

February 15, 2016. LTEC Corporation released the thermal performance technical analysis report of a DC-DC converter system used in the NISSAN X-TRAIL model.



Enclosure and PCB of the 12V DC-DC converter



Simulated temperature distribution at the heatsink-component interface

This 44 page report reveals construction details of the TDK-manufactured 100A 12V DC-DC converter. The thermal equivalent circuit is extracted for the purpose of estimating the temperature profile of the critical devices and components. A thermal management performance analysis is also included.

The report includes the details of package identification, package analysis, material analysis, analytical thermal modeling of the heat sink, thermal models of the components, and thermal simulation results.

Note:

The listed report price may not be accurate as it decreases over time.

Please contact us for current report pricing info@ltecusa.com

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