



ePower-Lite Mini

BACKGROUND

Diversifying the ePower-Lite product family allows for smaller space constraints paired with high current requirements in the EV market. In doing so, Amphenol Industrial Operations has developed a next generation product used for the interconnect between OBC to PTC and/or DC-DC.

PROBLEM

The desire for light weight, cost effective solutions within the EV market are becoming increasingly prevalent, without sacrificing robustness in design. Global competition demands high performance and a compact design, at lower cost.

AIO SOLUTION

The ePower-Lite Mini series meets and exceeds the requirements for integrated model design in the EV market.

The rectangular crimp connector is based on the pre-existing 3.6mm ePower-Lite, and provides high current, EMI, and HVIL options, as well as, a secondary locking mechanism and multiple keyway options to prevent mis-mating. The compact, light weight design provides EV manufacturers with a solution that will contribute to weight reductions seen within the EV market.

