



### Amphe-PD™ Mini 5.7mm

#### BACKGROUND

With the rapid development of Server & Data Center technology, the two-way Amphe-PD Mini 5.7mm meets the growing need for a power transfer connector that consumers within the market desire. This connector utilizes a low profile, small PCB footprint, all while providing higher current carrying capacity.

#### PROBLEM

Within the Server & Data Center markets, size is key when developing a printed circuit board. Due to space constraints on consumer PCB applications, a lower profile design with high current carrying capacity is required. On the board side, consumers have stressed the need for various board termination styles, while maintaining a small design footprint. Enter the Amphe-PD Mini 5.7mm.

#### AIO SOLUTION

AIO has developed the Amphe-PD Mini 5.7mm, designed to carry up to 150A at 500V DC. The Mini PD transfers power from the cable harness to the PCB or other power applications. The receptacle connector will have the capability to accommodate reflow soldering or press fit termination onto the PCB. This connector provides low temperature rise, low profile, low contact resistance and multiple cable size options. Please contact Amphenol Industrial Operations for more product details.