



### Amphe-PD™ Gen2 5.7mm

#### BACKGROUND

As Telecom, Server, and Datacom markets continue their push to reduce installation space and footprint size of their applications while maintaining electrical performance, demand for compact connector designs used to support this evolving need, coexists. The Amphe-PD Gen2 5.7mm has arrived to support the aforementioned market evolution. Mimicking our Amphe-PD Gen1 5.7mm with its current carrying capability, the more compact Gen2 design includes a side locking latch to simplify mating and un-mating with limited operating space.

#### PROBLEM

Within the Telecom, Server, and Datacom markets, size is key within printed circuit board development, as space is at a premium. Space constraints on consumer PCB applications and panels require a more efficient installation/mating design while maintaining high current carrying capacity. Our Amphe-PD Gen2 5.7mm provides the options for different install and mating direction.

#### AIO SOLUTION

Amphenol Industrial's Amphe-PD Gen2 5.7mm provides an alternative locking style and mating direction when compared to its Gen1 predecessor, making it an attractive option within the market. Designed to carry 120A at 500V DC, the Gen2 transfers power from the cable harness to the PCB or other mating power applications. The receptacle connector has the capability to accommodate reflow soldering or screw termination onto the PCB. The Amphe-PD Gen2 utilizes Amphenol's renowned RADSOK® technology, which provides lower temperature rise, a low profile, low contact resistance and multiple cable sizes. Please contact Amphenol Industrial, for more product details.