



### RADSOK® PowerBlok™ WTB (Wire to Board)

#### BACKGROUND

The complexity of circuitry and components on printed-circuit boards continues to increase with sizing requirements pushing to be smaller and smaller. As more functions are to be handled within the unit on the PCB, this has caused higher power consumption while still demanding a small footprint.

#### PROBLEM

With compromises that must be weighed at the onset design of component placement on the PCB, often power cannot be directly terminated to the PCB, thus wire systems must be utilized. To complete the system assembly, one must find wire terminated connector components that meet power needs and routing feasibility in the often compact spacing of the housing.

#### SOLUTION

The Amphenol Industrial Products Group offers a line of WTB power connectors using our patented RADSOK® contact technology to meet the increasing power requirements on the board in a smaller board footprint. Offered in vertical or horizontal mating planes as single-point contact terminals, the WTB product line gives the versatility needed when component placement decisions are crucial. Supplied in easily automated tape-and-reel packaging and designed as pin through hole placement commonly used in the industry, its integration is straightforward whether from design onset or as a component replacement. With the addition of a removable lock housing, mating to the board can remain intact under harsh vibration conditions.

