

Introducing Impact Power Connectors

The Impact Power connectors are designed to compliment the Impact high speed backplane connector product family. These robust power connectors are available with 15 Amp or 20 Amp contacts to compliment the 3 pair and 4 pair signal connectors, respectively. The versatile Impact power backplane connector is now available for right angle board-to-board applications.



Impact Power Connectors



FEATURES AND BENEFITS

- Compliant, press fit tails
- Designed for board-to-board right-angle applications
- Contact sequencing
- Recommended PCB thickness 1.60 – 2.80 mm
- Hold-down for added mechanical reliability

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APPLICATIONS

- Switches and routers
- Servers/blade servers

MATERIALS

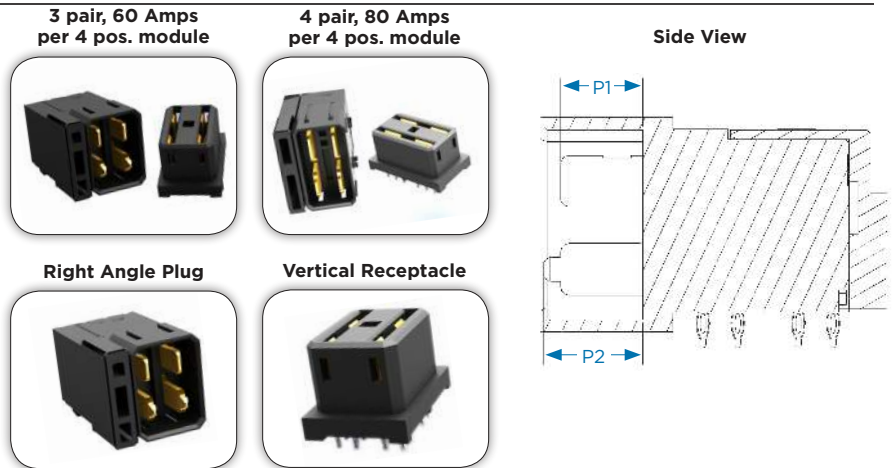
- Mating interface : 30µ inches gold over 50µ inches nickel
- Compliant press-fit tails : Tin over nickel

PRODUCT OFFERING

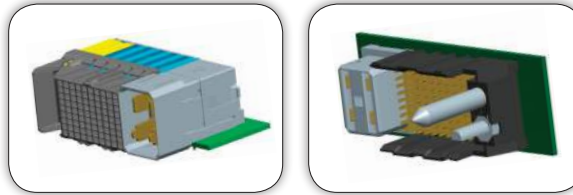
Part Numbers	Configuration	Style	P1*	P2*
2169806-1	3 Pair	Vertical Receptacle	--	--
2180850-1	3 Pair	Right Angle Plug - Left Hold Down	6.90	6.90
2180851-1	3 Pair	Right Angle Plug - Right Hold Down	6.90	6.90
2169809-1	4 Pair	Vertical Receptacle	--	--
2180490-1	4 Pair	Right Angle Plug - Right Hold Down	6.90	6.90
2180488-1	4 Pair	Right Angle Plug - Left Hold Down	6.90	6.90

*See diagram below for P1 vs. P2 locations

PRODUCT DIMENSIONS



Impact power connectors are complimentary parts to the Impact high density backplane connector products.



For more information on the entire Impact line please visit www.te.com/products/impact



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