

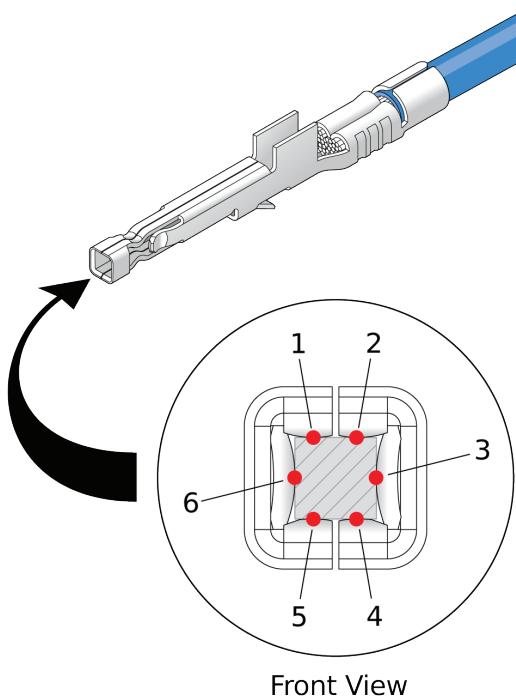
Molex FiT Families Power Connectors

Through multiple points of contact, redundancy is achieved during all connections

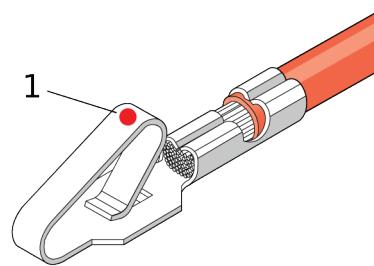
Terminals in Molex's FiT families feature multiple points of contact, so in the event that one part of the contact degrades or becomes blocked by debris, the other points of contact continue to carry the load. As a result, terminals have redundancy and a higher current carrying capability.

Within the FiT families, the Mega-Fit® and Ultra-Fit™ power connectors utilize these multiple points of contact to enable their hot plugging capability. Hot plugging allows the Mega-Fit and Ultra-Fit power connectors to be mated/unmated without having to turn off the power source.

MULTIPLE POINTS OF CONTACT VS A SINGLE POINT OF CONTACT



ULTRA-FIT TERMINAL WITH
6 POINTS OF CONTACT



KK® TERMINAL WITH
1 POINT OF CONTACT

The FiT families power connectors include Mega-Fit®, Mini-Fit®, Ultra-Fit™, Micro-Fit 3.0™ and the Nano-Fit™ product lines, all of which are readily available in various circuit sizes and plating options.

www.molex.com/FIT

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