

High Mating Cycle Crimp Terminals



[Molex Incorporated](#) [1] introduces today the [Mini-Fit® Plus HMC \(High Mating Cycle\) crimp terminals](#) [2], ideal for applications that require a high number of mating cycles including medical devices, consumer appliances, networking and telecommunications equipment and power supplies. The female crimp terminals are rated up to 1,500 mating cycles and are capable of up to 13.0A per circuit. The patented, elongated dimple design provides longer length and greater contact area when compared to the standard Mini-Fit terminals, yet does not increase the design dimensions of the product.

“The unique features of the Mini-Fit Plus HMC provide manufacturers with the ability to increase mating cycles and enhance their current carrying capabilities without increasing the connector footprint,” said Chris Slinkman, global product manager, Molex. “These are the only terminals on the market that can achieve 1,500 mating cycles and 13.0A per circuit – current competitive products only provide 30 mating cycles and 9.0A per circuit.”

The Mini-Fit Plus HMC is available in wire-to-wire and wire-to-board configurations and offered in three wire gauge sizes, 16 AWG, 18 to 20 AWG and 22 to 24 AWG. The terminals can be used with existing Mini-Fit receptacle and plug housings and with existing Mini-Fit and Mini-Fit Plus HCS headers. Existing Mini-Fit receptacles, plugs and Mini-Fit Plus HCS headers can be used when utilizing the Mini-Fit Plus HMC technology. Additionally, because the crimp terminals are compatible with existing Molex crimp tooling, new tooling is not required.

For more information on Mini-Fit Plus HMC terminals, visit www.molex.com/product/minifitplushmc.html [2] and for more information on the entire Mini-Fit product line visit www.molex.com/link/minifit.html [3]. To receive information on other Molex products and industry solutions, please sign up for our e-announcement newsletter at www.molex.com/link/register/ [4].

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Links:

[1] <http://www.molex.com/>

[2] <http://www.molex.com/product/minifitplushmc.html>

[3] <http://www.molex.com/link/minifit.html>

[4] <http://www.molex.com/link/register/>