

Datasheet for 76650-3012

General Information

Kit Part Number:	76650-3012
Connector Type:	Wire-to-Wire
Solution:	Power Connectors
Molex Family:	Mini-Fit Jr.™, Europe Kits, Mini-Fit® Plus HCS
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 4, 6, 8
Current Rating:	8-13A
Flammability Rating:	UL94V-0
Mounting Style:	Panel Mount
Orientation:	Plugs, Receptacles
Pitch:	4.20mm (.165")
Tool Included:	Yes
Voltage Rating:	600V
Wire Gauge (AWG):	16, 20-18

Product Highlights

The Mini-Fit® Plus HCS crimp terminals, headers and receptacles deliver up to 13.0A with extended durability for higher-current, mid-range power applications, without increasing design footprints. Mini-Fit® Plus HCS male and female crimp terminals are produced from a proprietary, high-current alloy, providing enhanced high-performance current-carrying capability.

Features and Benefits Crimp terminals produced from a proprietary, high-current alloy Ideal for applications requiring a high number of mating cycles Terminals feature a patented, elongated dimple design providing longer wipe lengths and increased contact area over standard Mini-Fit terminals Mini-Fit Plus HCS crimp terminals are used with existing Mini-Fit receptacle and plug housings and Molex crimp tooling

Applications Automotive/Transportation Marine Equipment Consumer Home appliances Industrial Industrial Computers Medical Medical Devices Military/Aerospace Military Commercial Off-the-Shelf (COTS) Non-Automotive Transportation Marine equipment Telecommunications Hubs Servers Telecommunications hardware

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
11-03-0044	Extraction Tool for Mini-Fit Jr.™	1

Recommended Molex Tool

Molex Part No.	Description
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