

## Datasheet for 76650-3012

### General Information

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

### Specifications

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

