

## Datasheet for 76650-3001

### General Information

<b>Kit Part Number:</b>	76650-3001
<b>Connector Type:</b>	Wire-to-Wire
<b>Solution:</b>	Power Connectors
<b>Molex Family:</b>	Mini-Fit Sr.™, Europe Kits
<b>Certificates:</b>	N/A
<b>Country of Origin:</b>	Kit assembled in U.S.A

### Specifications

<b>Circuit Size:</b>	2, 3, 4, 6
<b>Current Rating:</b>	23-33A
<b>Mounting Style:</b>	Free-Hanging
<b>Orientation:</b>	Plugs, Receptacle
<b>Pitch:</b>	10.00mm (.393")
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	600V
<b>Wire Gauge (AWG):</b>	12-10

### Product Highlights

Need for power connectors above 20 Amps. Lower mating forces with increased reliability. More current packed into fewer lines. The system is UL, CSA and TUV approved. -40 Degrees C to +105 Degrees C

Features and Benefits • High current

- Fully polarized, Prevents Mis-Mating
- Positive Locks, Secure Mating, guards against accidental disengagement of housings
- Low engagement force for greater ease in mating
- Includes mandatory Terminal Position Assurance (TPA) clip
- Fully-Isolated Contacts, Withstand Reflow Process
- Four points of electrical contact provide high reliability
- Design Flexibility Applications Data / Peripherals Industrial Equipment Medical/Telecom / Mobile Telecommunications

