

## Datasheet for 76650-0136

### General Information

<b>Kit Part Number:</b>	76650-0136
<b>Connector Type:</b>	Wire-to-Wire
<b>Solution:</b>	Free Hanging Connectors
<b>Molex Family:</b>	Mini Mi II™
<b>Certificates:</b>	N/A
<b>Country of Origin:</b>	Kit assembled in U.S.A

### Specifications

<b>Circuit Size:</b>	14, 18, 2, 20, 4, 8
<b>Current Rating:</b>	1.5A
<b>Mounting Style:</b>	Panel Mount
<b>Orientation:</b>	Adaptors, IDT Receptacles
<b>Pitch:</b>	1.25mm (.049")
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	100V
<b>Wire Gauge (AWG):</b>	28-26

### Product Highlights

Mini Mi II™ wire harness system is designed for high-density harness applications. Mini Mi II™ provides the same 1.5 amperes of current as similar 2.00mm (.079") pitch systems, but in a more compact design. Molex's Integrated Product Division provides the new Mini Mi II™ system in both wire-to-board and wire-to-wire options with different custom lengths and wire configurations enabling multi-branch harnessing configurations, similar to Molex's existing 2.00mm (.079") pitch Mi II™ system. The system saves about 45% of PCB space compared to 2.00mm Mi II™. Mini Mi II™ is available in 2 to 40 circuits in single/dual row and SMT/through-hole styles.

#### Features and Benefits

- 1.5 amps meets office automation standards
- Internal positive lock for secure retention
- IDT housing for cost effective termination

#### Applications

- Security devices
- Car audio, car multimedia, car HVAC
- Office equipment
- Set-up boxes

**Bill of Materials**

<b>Molex Part No.</b>	<b>Description</b>	<b>Quantity</b>
54596-0210	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 2 Circuits	10
54596-0410	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 4 Circuits	10
54596-0810	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 8 Circuits	10
54596-1410	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 14 Circuits	10
54596-1410	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 14 Circuits	10
54596-2010	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 20 Circuits	10
55482-0219	1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, 2 Circuits	5
55482-0419	1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, 4 Circuits	5
55482-0819	1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, 8 Circuits	5
55482-1819	1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, 18 Circuits	5
55482-1419	1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, 14 Circuits	5
55482-2019	1.25mm (.049") Pitch Mini Mi II™ Wire-to-Wire Adapter, 20 Circuits	5

**Recommended Molex Tool**

<b>Molex Part No.</b>	<b>Description</b>
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