

Datasheet for 76650-0139

General Information

Kit Part Number:	76650-0139
Connector Type:	Wire-to-Board
Solution:	Off the Board Connectors
Molex Family:	Mini Mi II™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	12, 18, 2, 20, 4, 7
Current Rating:	1.5A
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	IDT Receptacles, Right Angle Headers
Pitch:	1.25mm (.049")
Tool Included:	No
Voltage Rating:	100V
Wire Gauge (AWG):	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

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
54596-0210	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 2 Circuits	5
54596-0410	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 4 Circuits	5
54596-0710	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 7 Circuits	5
54596-1210	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 12 Circuits	5
54596-1810	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 18 Circuits	5
54596-2010	1.25mm (.049") Pitch Mini Mi II IDT Receptacle, 20 Circuits	5
55456-0269	1.25mm (.049") Pitch Mi II™ Header, Right Angle, SMT, 2 Circuits	5
55456-0469	1.25mm (.049") Pitch Mi II™ Header, Right Angle, SMT, 4 Circuits	5
55456-0769	1.25mm (.049") Pitch Mi II™ Header, Right Angle, SMT, 7 Circuits	5
55456-1269	1.25mm (.049") Pitch Mi II™ Header, Right Angle, SMT, 12 Circuits	5
55456-1869	1.25mm (.049") Pitch Mi II™ Header, Right Angle, SMT, 18 Circuits	5
55456-2069	1.25mm (.049") Pitch Mi II™ Header, Right Angle, SMT, 20 Circuits	5

Recommended Molex Tool

Molex Part No.	Description
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