

Datasheet for 76650-0176

General Information

Kit Part Number:	76650-0176
Connector Type:	Wire-to-Board
Solution:	Power Connectors
Molex Family:	DISK DRIVE
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	4
Current Rating:	6-10A
Mounting Style:	PCB Through Hole
Orientation:	Receptacles, Vertical Headers
Pitch:	5.08mm (.200")
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	20-14

Product Highlights

This series of power connectors are used mainly in the hard and floppy disk drive industries. It is used to carry voltages from the power supply unit to the disk drive board. An attempt was made by a group of ESDI (extended data interface) committee to standardize the power connector in the drive industries. As there was no standard as yet, Molex came up with a variation of power connectors falling under the 8981 series to accommodate the need of our valuable customers.

Features and Benefits

- Varying profile heights
- Wire connectors have end grips for easy unmating
- Detents provide firm positive fit
- Crimp equivalent of 70156 IDT connector
- Wire range from 20 to 14 AWG
- 2.096mm (.0825") diameter socket terminals

Applications

- Computers
- Medium to High Power equipment

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Bill of Materials

Molex Part No.	Description	Quantity
15-24-4048	5.08mm (.200") Pitch Receptacle Housing, 4 Circuits	12
15-24-4449	5.08mm (.200") Pitch Vertical PCB Header, 3.56mm (.140") Tail, 4 Circuits	5
15-24-4557	5.08mm (.200") Pitch Vertical PCB Header, 2.11mm (.083") Tail, 4 Circuits	5
15-24-4745	5.08mm (.200") Pitch Vertical PCB Header, 3.58mm (.141") Tail, 4 Circuits	5
02-08-1202	2.10mm (.0825") Female Crimp Socket Terminal, 20-14 AWG	100

Recommended Molex Tool

Molex Part No.	Description
63811-7000 (not included in kit)	Click for more info
11-03-0037 (not included in kit)	Click for more info