



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Datasheet for 76650-0176

General Information

Part Number:	76650-0176
Manufacturer:	Molex / Waldom
Title:	Disk Drive Power Connector Kit
Description:	PCB Vertical Header and Receptacle
Product Family:	Disk Drive Power
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant, UL and CSA
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design	
Configuration:	Wire-to-Board
Pitch:	5.08mm (.200")
Connector Type:	Receptacles and Headers
Mounting	
Orientation:	Vertical
Circuit Sizes:	4
Current Rating:	(6 to 10) Amps - Dependant on Wire gauge
Voltage Rating:	250 Volts AC
Wire Size:	20-14 AWG

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. 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 our this 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

[For additional Molex / Waldom Design and Solution Kits please go to www.molexkits.com](http://www.molexkits.com)

Datasheet for 76650-0176

Bill of Materials for Part No. 76650-0176

Molex Part No.	Country of Origin	Description	Quantity in Kit
02-08-1202	China	.0825 Female Crimp Socket Terminals (20-14) AWG	100
15-24-4048	Singapore	4 Circuit 5.08mm (.200") Pitch Receptacle Housing	12
15-24-4449	Singapore	4 Circuit 5.08mm (.200") Pitch Vertical PCB Header, .140" Tail	5
15-24-4557	Singapore	4 Circuit 5.08mm (.200") Pitch Vertical PCB Header, .083" Tail	5
15-24-4745	Singapore	4 Circuit 5.08mm (.200") Pitch Vertical PCB Header, .141" Tail	5

Recommended Molex Tool(s) for Part No. 76650-0176

Molex Part No.	Country of Origin	Description
63811-7000 *	Germany	Hand Crimp Tool
11-03-0037 *	Mexico	Extraction Tool (HT60624)

*Tool(s) not included in kit. Tool(s) ordered separately.