Chipsmall

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

Datasheet for 76650-0006

General Information

Part Number:	76650-0006
Manufacturer:	Molex / Waldom
Title:	I-Pass Connector Kit
Description:	SMT High Speed I/O
Product Family:	iPass™
Certificates:	(Molex Parts within this kit) - EU and China RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design Configuration:	Wire-to-Board
Pitch:	0.8mm (0.031")
Connector Type:	Receptacle
Mounting Orientation:	Right Angle
Circuit Sizes:	26
Current Rating:	0.5 Amps
Voltage:	30 Volts AC(RMS)/DC
Wire:	Use iPass™ Cables 74547 Series

Product Highlights

The SMT design provides placement options on both sides of the PCB, as well as placement stability. With a pitch of 0.8mm (.031"), the design also allows for easy routing. Plus, standoffs allow for easy PCB cleaning after soldering.
The iPass Interconnect System offers both connectors and cable assemblies that enable flexible speed compatibility for applications ranging from 1.5G up through 10G, and is an ideal interconnect solution for the growing server storage market.

For additional Molex / Waldom Design and Solution Kits please go to www.molexkits.com

molexkits.com
the connector kit specialist

Datasheet for 76650-0006

Features and Benefits	Applications
• Multiple guide rail configurations provide board design flexibility • Diecast guide rail provides robust chassis-to-chassis interface • Guide frame gaskets provide improved EMI performance • Screw attachment for the guide rail to PCB provides a durable I/O connection during the cable management process • Designed for placement beneath guide frame for external applications • High-temperature thermoplastic for lead-free processing • Alignment posts provide stability for placement on the PCB • Standoffs allow for easy PCB cleaning after soldering • SMT design allows for ease of routing and provides the option for placement on both sides of the PCB	• HBAs (Host Bus Adapters) Servers • Storage Racks • Switches and Routers • RAID (Redundant Array of Independent Disks) • JBOD (Just a Bunch of Disks) • Industrial Computers and Work Stations • Removable Media Drives and Memory Modules • Graphic Subsystems • Networking • Base Station • Enterprise Routers and Switches • Inverse Mux • Network Interface Cards

Bill of Materials for Part No. 76650-0006

Molex Part No.	Country of Origin	Description	Quantity in Kit
75586-0009	USA	I-Pass 26 Circuit SMT Right Angle Ext.	10
74548-0205	China	I-Pass Guide Frame 1x4 Port Size, Port Keying 4	1
74548-0208	China	I-Pass Guide Frame 1x2 Port Size, Port Keying 4	1
74548-0211	China	I-Pass Guide Frame 1x1 Port Size, Port Keying 4	4

No Recommended Molex Tool for Part No. 76650-0006

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