

Datasheet for 76650-0174

General Information				
Part Number:	76650-0174			
Manufacturer:	Molex / Waldom			
Title:	Sealed RJ-45 Industrial Connector Kit			
Description:	In-Line, PCB and Panel Mount Receptacle, Plug, Receptacle and Dust cover			
Product Family:	RJ-45			
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant			
Country of Origin:	Kit assembled in U.S.A.			
Specifications				
Design Configuration:	(Wire-to-Board) and (Wire-to-Wire)			
Connector Type: Mounting	Receptacles and Plugs, Cables			
Orientation:	Vertical (Receptacles)			
Current Rating:	1.5 Amps			
Voltage:	125 Volts			
Product Highlights				

Ethernet connectors are of Category 5e transmission performance and TIA/EIA-568-B (RJ-45) connection interface. RJ-45 EtherNet/IP* Cordsets and Receptacles are ideal for use in environments where EtherNet protocol is used, including manufacturing facilities, water treatment plants and transportation hubs. Designed with one sealing surface, the connectors ensure optimum performance even in

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harsh environments. Meets NEMA 6P and IP 67 rating.

Features and Benefits	Applications
 Meets NEMA 6P and IP 67 rating 	 Test and Measurement Equipment
 Bayonet-style latch receptacle provides 	Medical Devices
quick and easy connection and ensures	 Factory Networking Installations
proper insertion depth with mating	 Production Equipment
Ease-of-use	 Industrial Environment: Food and Beverage,
 Meets Open DeviceNet † Vendors' 	Automotive, Chemical and Other continuous
Association and ControlNet ‡ Vendors'	and batch processes
Association IP Specifications	 Water Treatment plants: Waste water, Municipal
 One Sealing Surface means less 	drinking water
likelihood of failure	 Transportation Hubs: Airports, Bus Stations, Rail
 Easy termination allows custom length 	Stations
cable to be made in field	 Metal and explosive detectors
 Robust bayonet style lock 	 EDS's (Explosive Detection System)
 Simple error free mating 	 ETD's (Explosive Trace Detector)

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



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Bill of Materials for Part No. 76650-0174

Molex Part No.	Country of Origin	Description	Quantity in Kit
84700-0001	Mexico	Receptacle Panel Mount Assembly RJ-45 CAT5e	2
84700-0002	Mexico	Plug Field Wireable Assembly RJ-45 CAT5e	3
84700-0003	Mexico	Dust Cover for RJ-45 Bayonet-Style Latch Connector	3
84702-0005	Mexico	Receptacle PCB Mount Assembly RJ-45 CAT5e	1
84702-0006	Mexico	Receptacle Punchdown Panel Mount RJ-45 CAT5e	1

No Recommended Molex Tool for Part No. 76650-0174