

Datasheet for 76650-0032

General Information

Kit Part Number:	76650-0032
Connector Type:	Wire-to-Wire
Solution:	Sealed Connectors
Molex Family:	MX150L™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 4, 6, 8
Current Rating:	18A
Mounting Style:	Non-Mounted
Orientation:	Plugs, Receptacles
Pitch:	5.84mm (.230")
Tool Included:	Yes
Voltage Rating:	600V
Wire Gauge (AWG):	16-14 , 22-18

Product Highlights

The pre-assembled, submersible MX150L™ is a high performance, environmentally sealed connector system suitable for challenging, rugged and harsh applications, supporting both low-level signal as well as power applications. The cost-effective connector design features all-in-one plug and receptacle housings with preassembled mat-wire and interfacial connector seals. The mating interface provides full IP67 sealing capability

Features and Benefits

- Simple crimp, poke and plug application, no need to crimp individual wire seals
- Audible and tactile clicks on insertion, extraction and mating
- Easy terminal extraction and insertion
- Quick, low-cost field repairs using common screw driver, needle nose pliers and terminal extraction tool
- Environmentally sealed to IP67
- Integrated mat wire seal
- Circuit plugs provide the ability to plan for possible future circuit additions, while maintaining the sealing integrity of the mated pair.

Applications

- Agriculture Equipment
- Construction Equipment
- Recreational Vehicles
- On-Engine automotive applications
- Marine Equipment

Bill of Materials

Molex Part No.	Description	Quantity
19420-0010	Female Terminal (18-22) AWG, MX150L™	100
19417-0048	Male Terminal 18-22 AWG, MX150L™	100
19420-0009	Female Terminal (14-16) AWG, MX150L™	100
19417-0047	Male Terminal 14-16 AWG, MX150L™	100
19418-0016	2-Way MX150L™ Receptacle Assy 22-18 AWG, Red Seal, without CPA	2
19419-0008	2-Way Plug Assy 22-18 AWG, Red Seal	2
19418-0017	2-Way MX150L™ Receptacle Assy 16-14 AWG, Blue Seal, without CPA	2
19419-0007	2-Way Plug Assy 16-14 AWG, Blue Seal	2
19418-0018	4-Way MX150L™ Receptacle Assy 22-18 AWG, Red Seal, without CPA	1
19419-0005	4-Way Plug Assy 22-18 AWG	1
19418-0019	4-Way MX150L™ Receptacle Assy 16-14 AWG, Blue Seal, without CPA	1
19419-0004	4-Way Plug Assy 16-14 AWG	1
19418-0020	6-Way MX150L™ Receptacle Assy 22-18 AWG, Red Seal, without CPA	1
19419-0012	6-Way Plug Assy 22-18 AWG	1
19418-0021	6-Way MX150L™ Receptacle Assy 16-14 AWG, Blue Seal, without CPA	1
19419-0011	6-Way Plug Assy 16-14 AWG	1
19418-0022	8-Way MX150L™ Receptacle Assy 22-18 AWG, Red Seal, without CPA	1
19419-0001	8-Way Plug Assy 22-18 AWG	1
19418-0023	8-Way MX150L™ Receptacle Assy 16-14 AWG, Blue Seal, without CPA	1
19419-0002	8-Way Plug Assy 16-14 AWG	1
19417-0119	MX150L™ Circuit Voiding Key, Dual Gender	10
63813-1500	Manual Extraction Tool	1

Recommended Molex Tool

Molex Part No.	Description
63813-1500 (included in kit)	Click for more info
63811-4400 (not included in kit)	Click for more info