

Datasheet for 76650-0197

General Information

Part Number:	76650-0197
Manufacturer:	Molex / Waldom
Title:	MX150 Connector Kit
Description:	Single Row Receptacle to Distributor with CPA
Product Family:	MX150™
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration:	Wire-to-Direct Only
Pitch:	5mm (.197")
Connector Type:	Receptacles
Circuit Sizes:	2
Current Rating:	15 Amps
Voltage Rating:	250 Volts
Wire size:	20-18 AWG

Product Highlights

The MX150 Cable Sealed Connector System is designed to meet the need for a rugged, environmentally sealed connector system supporting both low-level signal applications as well as power applications up to 15A, from on-engine automotive applications to off-road construction equipment applications. This design eliminates the need to purchase, handle and crimp individual wire seals to lower applied cost, is in a reduced package size for typical SAE style wire. Optional connector position assurance (CPA) components eliminate time-consuming and costly assembly operations.

Features and Benefits

- Polarization options available
- Uses cable sealed terminals
- Meets USCAR performance requirements
- Available with or without CPA (Connector Position Assurance)
- Low insertion force
- Strong crimps
- Accommodates SAE and metric wires
- Lead free

Applications

- Automotive Vehicles
- Commercial Vehicles
- Recreational Vehicles
- Industrial Vehicles and Equipment
- Construction Equipment
- Marine Equipment

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

Datasheet for 76650-0197

Bill of Materials for Part No. 76650-0197

Molex Part No.	Country of Origin	Description	Quantity in Kit
34083-2002	USA	MX150™ Female Cable Seal Terminal, Tin, 18-20 AWG	25
34062-0008	Singapore	5.00mm (.197") Pitch MX150™ Cable Sealed Receptacle 2 Circuit, Pol. D	3
34062-0007	Singapore	5.00mm (.197") Pitch MX150™ Cable Sealed Receptacle 2 Circuit, Pol. C	3
34062-0006	Singapore	5.00mm (.197") Pitch MX150™ Cable Sealed Receptacle 2 Circuit, Pol. B	3
34062-0005	Singapore	5.00mm (.197") Pitch MX150™ Cable Sealed Receptacle 2 Circuit, Pol. A	3
63813-1500	USA	Manual Extraction Tool	1

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