

## Datasheet for 76650-0197

### General Information

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

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Direct Only
<b>Pitch:</b>	5mm (.197")
<b>Connector Type:</b>	Receptacles
<b>Circuit Sizes:</b>	2
<b>Current Rating:</b>	15 Amps
<b>Voltage Rating:</b>	250 Volts
<b>Wire size:</b>	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](http://www.molexkits.com)**

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**Bill of Materials for Part No. 76650-0197**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
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