

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0330113002](#)  
**Status:** **Active**  
**Overview:** [MX150 Sealed and Unsealed Connector System](#)  
**Description:** MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Silver Plating, 16, 18 and 20 AWG, Left Reel Payoff

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                       | <a href="#">Test Summary TS-33001-003-001 (PDF)</a>  |
| <a href="#">Application Specification AS-33000-001-001 (PDF)</a>    | <a href="#">Test Summary TS-33001-004-001 (PDF)</a>  |
| <a href="#">Application Specification AS-33000-001-CH-001 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Application Specification AS-33000-001-FR-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification 313025040-000 (PDF)</a>         |  |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals  |
| Series                  | 33011  |
| Application             | Power, Wire-to-Board, Wire-to-Wire                         |
| Comments                | Left Reel Payoff   |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">MX150 Sealed and Unsealed Connector System</a> |
| Product Name            | MX150  |
| UPC                     | 822350754569   |

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Gender                         | Male                         |
| Grip Code                      | 18                           |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Silver                       |
| Material - Plating Termination | Tin                          |
| Net Weight                     | 0.361/g                      |
| Packaging Type                 | Reel                         |
| Plating min - Mating           | 0.762µm                      |
| Plating min - Termination      | 2.540µm                      |
| Termination Interface: Style   | Crimp or Compression         |
| Wire Insulation Diameter       | 2.54mm max.                  |
| Wire Size AWG                  | 16, 18, 20                   |
| Wire Size mm <sup>2</sup>      | 0.75-1.00                    |

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | Contact Molex |
| Voltage - Maximum             | 14V DC        |

**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |  |
|---------------------------|--|
| Application Specification | AS-33000-001-001, AS-33000-001-CH-001, AS-33000-001-FR-001 |
| Packaging Specification   | 313025040-000  |
| Sales Drawing             | SD-33000-001-001   |
| Test Summary              | TS-33001-003-001, TS-33001-004-001                         |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2022)4187-DC (10 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[33011 Series](#)

**Use With**

[33482](#) Dual Row Housing, [33481](#) Single Row Housing, [33486](#) Hybrid Housing

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|   |                            |
|---|----------------------------|
| Extraction Toolkit for MX150 Connectors   | <a href="#">2002220700</a> |
| FA2 Mechanical Applicator for MX150 Terminals, 20 AWG GXL or TXL Wire, Insulation Diameter (OD) | <a href="#">638082700</a>  |
| 1.60mm-2.54mm   |                            |

FA2 Pneumatic Feed [638082710](#)  
Crimp Applicator  
for MX150 18 Grip  
Blade Terminals, 20  
AWG

FA2 Mechanical [638082900](#)  
Feed Applicator  
for MX150 18 Grip  
Male Terminals, 18  
AWG, 0.75mm<sup>2</sup> and  
1.00mm<sup>2</sup> Wire

FA2 Pneumatic Feed [638082910](#)  
Crimp Applicator  
for MX150 Blade  
Terminals, 18  
AWG, 0.75mm<sup>2</sup> and  
1.00mm<sup>2</sup> Wire

FA2 Mechanical [638084100](#)  
Feed Applicator for  
MX150 Mat Seal/  
Unsealed Blade  
Terminals, 16 AWG  
TXL Wire and 18  
AWG GXL Wire

FA2 Pneumatic Feed [638084110](#)  
Applicator for MX150  
Mat Seal/Unsealed  
Blade Terminals, 16  
AWG TXL Wire and  
18 AWG GXL Wire

PremiumGrade [638112400](#)  
Hand Crimp  
Tool for 1.50mm  
MX150 Blade Male  
Terminals, 14-16  
AWG

PremiumGrade [638112600](#)  
Hand Crimp  
Tool for 1.50mm  
MX150 Blade Male  
Terminals, 18-22  
AWG

Extraction Tool for [638131500](#)  
MX150L, MX150, PT  
Bulb Socket, iGrid,  
SPOX, and Wire-to-  
Motor Terminals

FineAdjust Applicator [639040800](#)  
for SRC Connector  
using MX150  
Receptacle  
Terminals, 0.75mm<sup>2</sup>  
wires

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