



**Part Number :** [330013003](#)  
**Product Description :** MX150 Female Terminal for  
Mat-Sealed Connectors, Gold Plating, 16-14 AWG, Left  
Reel Payoff  
**Series Number :** 33001  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

[330013003 sd.pdf](#)  
[313025040-000.pdf](#)

### Specifications

[AS-33012-002-001.pdf](#)  
[AS-33012-002-CH-001.pdf](#)  
[AS-33012-002-FR-001.pdf](#)  
[PS-33012-002-001.pdf](#)  
[TS-33001-002-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                                       |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC                                                                                  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                            |
| REACH SVHC         | Not Contained per D(2025)4165-DC (25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                 |

### Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|              |                                                                                            |
|--------------|--------------------------------------------------------------------------------------------|
| Status       | Active                                                                                     |
| Category     | Crimp Terminals                                                                            |
| Series       | 33001                                                                                      |
| Description  | MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 16-14 AWG, Left Reel Payoff |
| Application  | Power, Wire-to-Board, Wire-to-Wire, Automotive                                             |
| Comments     | Left Reel Payoff, Small Polarization Rib                                                   |
| Product Name | MX150                                                                                      |
| UPC          | 822350084161                                                                               |

### Electrical

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

### Physical

|                           |                              |
|---------------------------|------------------------------|
| Gender                    | Female                       |
| Grip Code                 | 14                           |
| Material - Metal          | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold                         |

|                                |                      |
|--------------------------------|----------------------|
| Material - Plating Termination | Unplated             |
| Net Weight                     | 0.435/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 2.70mm max.          |
| Wire Size (AWG)                | 14, 16               |
| Wire Size mm <sup>2</sup>      | 1.25-2.00            |

## Solder Process Data

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

## Mates With / Use With

### Use with Part(s)

| Description                                             | Part Number  |
|---------------------------------------------------------|--------------|
| MX150 Mat-Sealed Dual Row Female Connector Assemblies   | <u>33472</u> |
| MX150 Mat-Sealed Single Row Female Connector Assemblies | <u>33471</u> |

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## Application Tooling

### Global

| Description                                                                                                                                         | Part Number       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Extraction Toolkit for MX150 Connectors                                                                                                             | <u>2002220700</u> |
| FA2 Mechanical Feed Crimp Applicator for MX150 Mat Seal/ Unsealed Receptacle Terminals, 14 AWG, 16 AWG, 1.25mm <sup>2</sup> and 1.50mm <sup>2</sup> | <u>638082300</u>  |
| FA2 Pneumatic Feed Applicator for MX150 Mat Seal/Unsealed Receptacle Terminals, 14 AWG, 16 AWG, 1.25mm <sup>2</sup> and 1.50mm <sup>2</sup>         | <u>638082310</u>  |

|                                                                                                                                                  |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| FA2 Mechanical Feed Crimp Applicator for MX150 Mat Seal/ Unsealed Receptacle Terminals, 14 AWG, 1.25mm <sup>2</sup> and 2.00mm <sup>2</sup> Wire | <u>638088100</u> |
| FA2 Pneumatic Feed Crimp Applicator for MX150 Mat Seal Terminals, 14 AWG, 1.25mm <sup>2</sup> and 2.00mm <sup>2</sup> Wire                       | <u>638088110</u> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 16-14 AWG                                                                               | <u>638115900</u> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm <sup>2</sup> and 1.50mm <sup>2</sup> Metric Wires                             | <u>638116100</u> |
| Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals                                                      | <u>638131500</u> |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 1.50mm <sup>2</sup> wires                                              | <u>639040600</u> |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 2.00mm <sup>2</sup> wires                                              | <u>639040700</u> |
| ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG                                                                                | <u>640160133</u> |

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