



**Part Number :** [330123002](#)  
**Product Description :** MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 20-18 AWG, Left Reel Payoff  
**Series Number :** 33012  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

[330123002\\_sd.pdf](#)  
[313025040-000.pdf](#)

### Specifications

[AS-33012-002-001.pdf](#)  
[AS-33012-002-CH-001.pdf](#)  
[AS-33012-002-FR-001.pdf](#)  
[330120000-AS-KR-000.pdf](#)  
[PS-33012-002-001.pdf](#)  
[TS-33012-002-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 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

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## Part Details

### General

|              |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------|
| Status       | Active                                                                                    |
| Category     | Crimp Terminals                                                                           |
| Series       | 33012                                                                                     |
| Description  | MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 20-18 AWG, Left Reel Payoff |
| Application  | Power, Wire-to-Board, Wire-to-Wire, Automotive                                            |
| Comments     | Left Reel Payoff, Small Polarization Rib                                                  |
| Product Name | MX150                                                                                     |
| UPC          | 822350084291                                                                              |

### Electrical

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

### Physical

|                                |                              |
|--------------------------------|------------------------------|
| Durability (mating cycles max) | 25                           |
| Gender                         | Female                       |
| Grip Code                      | 18                           |
| Material - Metal               | High Performance Alloy (HPA) |

|                                |                      |
|--------------------------------|----------------------|
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.526/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.508µm              |
| Plating min - Termination      | 0.508µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 2.54mm max.          |
| Wire Size (AWG)                | 18, 20               |
| Wire Size mm <sup>2</sup>      | 0.75-1.00            |

### Solder Process Data

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

### Mates With / Use With

#### Use with Part(s)

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

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### Application Tooling

#### Global

| Description                                                                                                      | Part Number                       |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Extraction Toolkit for MX150 Connectors                                                                          | <a href="#"><u>2002220700</u></a> |
| FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm <sup>2</sup> Wire | <a href="#"><u>638082600</u></a>  |
| FA2 Pneumatic Feed Crimp Applicator for MX150 18 Grip Receptacle, 20 AWG and 0.75mm <sup>2</sup>                 | <a href="#"><u>638082610</u></a>  |

| Wire                                                                                                                 |                                  |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------|
| FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Female Terminals, 18 AWG and 1.00mm <sup>2</sup> Wire         | <a href="#"><u>638082800</u></a> |
| FA2 Pneumatic Feed Crimp Applicator for MX150 Crimp Terminals, 18 AWG                                                | <a href="#"><u>638082810</u></a> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 22-18 AWG                                                   | <a href="#"><u>638116000</u></a> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm <sup>2</sup> and 1.50mm <sup>2</sup> Metric Wires | <a href="#"><u>638116100</u></a> |
| Hand Crimp Tool Metric 0.5 and 0.75                                                                                  | <a href="#"><u>638116200</u></a> |
| Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals                          | <a href="#"><u>638131500</u></a> |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 0.75mm <sup>2</sup> wires                  | <a href="#"><u>639040400</u></a> |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 1.00mm <sup>2</sup> wires                  | <a href="#"><u>639040500</u></a> |
| ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG                                                    | <a href="#"><u>640160133</u></a> |