



**Part Number :** [330122023](#)  
**Product Description :** MX150 Female Terminal for Unsealed Connectors, Tin Plating, 22 AWG, Right Reel Payoff. Not suitable for MX150 Sealed Connectors.  
**Series Number :** 33012  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

[330122023 sd.pdf](#)  
[313025040-000.pdf](#)

### Specifications

[AS-33012-002-001.pdf](#)  
[AS-33012-002-CH-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 44; 34; 33             |
| China RoHS         | Not Relevant                                    |
| 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       | 33012                                                                                                                                                                                                                  |
| Description  | MX150 Female Terminal for Unsealed Connectors, Tin Plating, 22 AWG, Right Reel Payoff. Not suitable for MX150 Sealed Connectors.                                                                                       |
| Application  | Power, Wire-to-Board, Wire-to-Wire, Automotive                                                                                                                                                                         |
| Comments     | Right Reel Payoff, Large Polarization Rib; For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers; Not to be used with MX150 Sealed Connectors |
| Product Name | MX150                                                                                                                                                                                                                  |
| UPC          | 822350084277                                                                                                                                                                                                           |

### Electrical

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

### Physical

|                                |                              |
|--------------------------------|------------------------------|
| Gender                         | Female                       |
| Grip Code                      | 22                           |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Tin                          |
| Material - Plating Termination | Tin                          |
| Net Weight                     | 0.434/g                      |
| Packaging Type                 | Reel                         |
| Plating min - Mating           | 0.508µm                      |
| Plating min - Termination      | 0.508µm                      |
| Termination Interface Style    | Crimp or Compression         |
| Wire Insulation Diameter       | 1.70mm max.                  |
| Wire Size (AWG)                | 22                           |
| Wire Size mm <sup>2</sup>      | N/A                          |

### 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 | <u>33471</u> |
| MX150 Mat-Sealed Dual Row Female Connector Assemblies   | <u>33472</u> |

---

### Application Tooling

#### Global

| Description                                                        | Part Number       |
|--------------------------------------------------------------------|-------------------|
| Extraction Toolkit for MX150 Connectors                            | <u>2002220700</u> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 22-18 AWG | <u>638116000</u>  |
|                                                                    |                   |

|                                                                                             |                  |
|---------------------------------------------------------------------------------------------|------------------|
| Hand Crimp Tool Metric 0.5 and 0.75                                                         | <u>638116200</u> |
| Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals | <u>638131500</u> |
| ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG                           | <u>640160133</u> |