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Part Number: [0330123002](#)
Status: **Active**
Overview: [MX150 Sealed and Unsealed Connector System](#)
Description: MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 18 and 20 AWG, Left Reel Payoff

Documents:

| | |
|---|---|
| Drawing (PDF) | Application Specification AS-33012-002-FR-001 (PDF) |
| Product Specification PS-33012-002-001 (PDF) | Packaging Specification 313025040-000 (PDF) |
| Application Specification 330120000-AS-KR-000 (PDF) | Test Summary TS-33012-002-001 (PDF) |
| Application Specification AS-33012-002-001 (PDF) | Datasheet (PDF) |
| Application Specification AS-33012-002-CH-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 33012 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | Left Reel Payoff, Small Polarization Rib |
| Crimp Quality Equipment | Yes |
| Overview | MX150 Sealed and Unsealed Connector System |
| Product Name | MX150 |
| UPC | 822350084291 |

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 | 0.391/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 ² | 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 | 330120000-AS-KR-000, AS-33012-002-001, AS-33012-002-CH-001, AS-33012-002-FR-001 |
| Packaging Specification | 313025040-000 |
| Product Specification | PS-33012-002-001 |
| Sales Drawing | SD-33012-002-001 |
| Test Summary | TS-33012-002-001 |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

[33012 Series](#)

Use With

[33472](#) Dual Row Housing, [33476](#) Hybrid Housing, [33471](#) Single Row 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 | 2002220700 |
| FA2 Mechanical Feed Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm ² Wire | 638082600 |
| FA2 Pneumatic Feed Crimp Applicator | 638082610 |

| | |
|--|------------------|
| for MX150 18 Grip Receptacle, 20 AWG and 0.75mm ² Wire | |
| FA2 Mechanical Feed Applicator for MX150 18 Grip Female Terminals, 18 AWG and 1.00mm ² Wire | <u>638082800</u> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 18-22 AWG | <u>638116000</u> |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm ² and 1.50mm ² Metric Wires | <u>638116100</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> |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 0.75mm ² wires | <u>639040400</u> |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 1.00mm ² wires | <u>639040500</u> |
| ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 14-22 AWG | <u>640160133</u> |

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