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**Part Number:** [0330015002](#)  
**Status:** **Active**  
**Overview:** [MX150 Sealed and Unsealed Connector System](#)  
**Description:** [MX150 Female Terminal for Mat-Sealed Connectors, Silver Plating, 18 and 20 AWG, Left Reel Payoff](#)

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                                       | <a href="#">Packaging Specification 313025040-000 (PDF)</a> |
| <a href="#">Product Specification PS-33012-002-001 (PDF)</a>        | <a href="#">Test Summary TS-33001-003-001 (PDF)</a>         |
| <a href="#">Application Specification AS-33012-002-001 (PDF)</a>    | <a href="#">Test Summary TS-33001-004-001 (PDF)</a>         |
| <a href="#">Application Specification AS-33012-002-CH-001 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                             |
| <a href="#">Application Specification AS-33012-002-FR-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>        |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals  |
| Series                  | <a href="#">33001</a>                                      |
| Application             | Power, Wire-to-Board, Wire-to-Wire                         |
| Comments                | Left Reel Payoff, Small Polarization Rib                   |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">MX150 Sealed and Unsealed Connector System</a> |
| Product Name            | MX150  |
| UPC                     | 822350754415   |

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| Gender                         | Female                       |
| Grip Code                      | 18                           |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Silver                       |
| Material - Plating Termination | Tin                          |
| Net Weight                     | 0.443/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                  | 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 | <a href="#">AS-33012-002-001</a> , <a href="#">AS-33012-002-CH-001</a> , <a href="#">AS-33012-002-FR-001</a> |
| Packaging Specification   | <a href="#">313025040-000</a>  |
| Product Specification     | <a href="#">PS-33012-002-001</a>   |
| Sales Drawing             | <a href="#">SD-33012-002-001</a>   |
| Test Summary              | <a href="#">TS-33001-003-001</a> , <a href="#">TS-33001-004-001</a>  |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[33001](#) 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  | <a href="#">2002220700</a> |
| FA2 Mechanical Feed Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm <sup>2</sup> Wire | <a href="#">638082600</a>  |
| FA2 Pneumatic Feed Crimp Applicator  | <a href="#">638082610</a>  |

for MX150 18 Grip  
Receptacle, 20  
AWG and 0.75mm<sup>2</sup>  
Wire  
FA2 Mechanical 638082800  
Feed Applicator  
for MX150 18 Grip  
Female Terminals,  
18 AWG and  
1.00mm<sup>2</sup> Wire  
Hand Crimp Tool, 638116000  
18-22 AWG  
Hand Crimp Tool, 638116100  
Metric 1.00 and 1.50  
Hand Crimp Tool 638116200  
Metric 0.5 and 0.75  
Manual Extraction 638131500  
Tool  
FineAdjust Applicator 639040400  
for SRC Connector  
using MX150  
Receptacle  
Terminals, 0.75mm<sup>2</sup>  
wires  
FineAdjust Applicator 639040500  
for SRC Connector  
using MX150  
Receptacle  
Terminals, 1.00mm<sup>2</sup>  
wires  
ServiceGrade 640160133  
Hand Crimp Tool  
for MX150 Crimp  
Terminals, 14-22  
AWG

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