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**Part Number:** [0330012005](#)  
**Status:** **Active**  
**Overview:** [MX150 Sealed and Unsealed Connector System](#)  
**Description:** MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 22 AWG, Right 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-33001-002-001 (PDF)</a>
<a href="#">Application Specification AS-33012-002-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification AS-33012-002-CH-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-33012-002-FR-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">33001</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
Crimp Quality Equipment Overview	Yes
Product Name	<a href="#">MX150 Sealed and Unsealed Connector System</a>
UPC	MX150 822350084123

**Physical**

Gender	Female
Grip Code	22
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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	1.70mm max.
Wire Size AWG	22
Wire Size mm <sup>2</sup>	0.50

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	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-33001-002-001



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2021)4569-DC (8 July 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**

[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 PremiumGrade	<a href="#">2002220700</a>
Hand Crimp Tool for MX150 Female Terminals, 18-22 AWG	<a href="#">638116000</a>
Hand Crimp Tool Metric 0.5 and 0.75	<a href="#">638116200</a>

Extraction Tool for 638131500  
MX150L, MX150, PT  
Bulb Socket, iGrid,  
SPOX, and Wire-to-  
Motor Terminals  
ServiceGrade 640160133  
Hand Crimp Tool  
for MX150 Crimp  
Terminals, 14-22  
AWG

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[Molex:](#)

[33001-2005 \(Mouser Reel\)](#) [33001-2005 \(Cut Strip\)](#) [33001-2005 \(Loose Piece\)](#)