

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0330001002**  
**Status:** **Active**  
**Overview:** MX150 Sealed and Unsealed Connector System  
**Description:** MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 16, 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-33000-001-001 (PDF)</a>
<a href="#">Application Specification AS-33000-001-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification AS-33000-001-CH-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-33000-001-FR-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	33000
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff
Crimp Quality Equipment	Yes
Overview	<u>MX150 Sealed and Unsealed Connector System</u>
Product Name	MX150
UPC	756054586259

**Physical**

Durability (mating cycles max)	25
Gender	Male
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.320/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	16, 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
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-33000-001-001, AS-33000-001-CH-001, AS-33000-001-FR-001
Packaging Specification	313025040-000
Product Specification	PS-33012-002-001
Sales Drawing	SD-33000-001-001
Test Summary	TS-33000-001-001



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**

33000 Series

**Use With**

[33482](#) Dual Row Housing, [33481](#) Single Row Housing, [33486](#) Hybrid 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 Applicator for MX150 Terminals, 20 AWG GXL or TXL Wire, Insulation Diameter (OD)	<a href="#">638082700</a>
1.60mm-2.54mm	

FA2 Pneumatic Feed [638082710](#)  
Crimp Applicator  
for MX150 18 Grip  
Blade Terminals, 20  
AWG  
FA2 Mechanical [638082900](#)  
Feed Applicator  
for MX150 18 Grip  
Male Terminals, 18  
AWG, 0.75mm<sup>2</sup> and  
1.00mm<sup>2</sup> Wire  
FA2 Mechanical [638084100](#)  
Feed Applicator for  
MX150 Mat Seal/  
Unsealed Blade  
Terminals, 16 AWG  
TXL Wire and 18  
AWG GXL Wire  
FA2 Pneumatic Feed [638084110](#)  
Applicator for MX150  
Mat Seal/Unsealed  
Blade Terminals, 16  
AWG TXL Wire and  
18 AWG GXL Wire  
PremiumGrade [638112400](#)  
Hand Crimp  
Tool for 1.50mm  
MX150 Blade Male  
Terminals, 14-16  
AWG  
PremiumGrade [638112600](#)  
Hand Crimp  
Tool for 1.50mm  
MX150 Blade Male  
Terminals, 18-22  
AWG  
Extraction Tool for [638131500](#)  
MX150L, MX150, PT  
Bulb Socket, iGrid,  
SPOX, and Wire-to-  
Motor Terminals  
FineAdjust Applicator [639040800](#)  
for SRC Connector  
using MX150  
Receptacle  
Terminals, 0.75mm<sup>2</sup>  
wires

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