



Part Number : [330123002](#)

Product Description : MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 20-18 AWG, Left Reel Payoff

Series Number : 33012

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[Drawing 330123002_sd.pdf](#)

[Packaging Design Drawing 313025040-000.pdf](#)

[Packaging Design Drawing 313025040-000.pdf](#)

Specifications


[Application Specification AS-33012-002-001.pdf](#)

[Application Specification 330120000-AS-KR-000.pdf](#)

[Test Summary TS-33012-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	33012
Description	MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 20-18 AWG, Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire, Automotive
Comments	Left Reel Payoff, Small Polarization Rib
Product Family	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822350084291

Electrical

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

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	0.526/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

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

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>
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm ² Wire	<u>638082600</u>
FA2 Pneumatic Feed Crimp Applicator for MX150 18 Grip Receptacle, 20 AWG and 0.75mm ² Wire	<u>638082610</u>
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Female Terminals, 18 AWG and 1.00mm ² Wire	<u>638082800</u>
FA2 Pneumatic Feed Crimp Applicator for MX150 Crimp Terminals, 18 AWG	<u>638082810</u>
PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 22-18 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, 22-14 AWG	<u>640160133</u>