



Part Number : [330001002](#)
Product Description : MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 20-16 AWG, Left Reel Payoff
Series Number : 33000
Status : Active
Product Category : Crimp Terminals




Documents & Resources

Drawings
[330001002_sd.pdf](#)
[313025040-000.pdf](#)

Specifications
[AS-33000-001-001.pdf](#)
[AS-33000-001-FR-001.pdf](#)
[AS-33000-001-001.pdf](#)
[PS-33012-002-001.pdf](#)
[TS-33000-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 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)7663-DC (21 Jan 2025)
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	33000
Description	MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 20-16 AWG, Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire, Automotive
Comments	Left Reel Payoff
Product Name	MX150
UPC	756054586259

Electrical

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

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	0.438/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 ²	0.75-1.00

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
MX150 Mat-Sealed Single Row Male Connector Assemblies	<u>33481</u>
MX150 Mat-Sealed Dual Row Male Connector Assemblies	<u>33482</u>

Application Tooling

Global

Description	Part Number
Extraction Toolkit for MX150 Connectors	<u>2002220700</u>
FA2 Mechanical Feed Crimp Applicator for MX150 Terminals, 20 AWG GXL or TXL Wire, Insulation Diameter (OD) 1.60mm-2.54mm	<u>638082700</u>
FA2 Pneumatic Feed Crimp Applicator for MX150 18 Grip Blade Terminals, 20 AWG	<u>638082710</u>
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Male Terminals, 18 AWG, 0.75mm ² and 1.00mm ² Wire	<u>638082900</u>
FA2 Pneumatic Feed Crimp Applicator for MX150 Blade Terminals, 18 AWG, 0.75mm ² and 1.00mm ² Wire	<u>638082910</u>
FA2 Mechanical Feed Crimp Applicator for MX150 Mat Seal/Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	<u>638084100</u>
FA2 Pneumatic Feed Applicator for MX150 Mat Seal/Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	<u>638084110</u>

PremiumGrade Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 16-14 AWG	<u>638112400</u>
PremiumGrade Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 22-18 AWG	<u>638112600</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>639040800</u>