Part Number : 330123022
Product Description : MX150 Female Terminal for Unsealed Connectors, Tin Plating, 20-18 AWG, Left Reel Payoff. Not Suitable for MX150 Sealed Connectors.
Series Number : 33012
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

330123022_sd.pdf

313025040-000.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-33012-002-CH-001.pdf

330120000-AS-KR-000.pdf

PS-33012-002-001.pdf

TS-33012-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	33012
Description	MX150 Female Terminal for Unsealed Connectors, Tin Plating, 20-18 AWG, Left Reel Payoff. Not Suitable for MX150 Sealed Connectors.
Application	Wire-to-Board, Wire-to-Wire, Automotive
Comments	Left Reel Payoff, Large Polarization Rib; Not to be used with MX150 Sealed Connectors
Product Name	MX150
UPC	822350084420

Electrical

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

Physical

Gender	Female
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin

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Material - Plating Termination	Tin
Net Weight	0.434/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Terminal Size	1.5
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

Mates With / Use With

Use with Part(s)

Description	Part Number
MX150 Mat-Sealed Single Row Female Connector Assemblies	33471
MX150 Mat-Sealed Dual Row Female Connector Assemblies	33472
MX150 Hybrid Mat-Sealed Female Connector Assemblies	34985
MX150 Mid-Voltage Mat-Sealed Female Connector Assemblies	300361
MX150 Mid-Voltage Mat-Sealed Female Connector Assemblies	300363
MX150 Mid-Voltage Hybrid Mat-Sealed Female Connector Assemblies	303367

Application Tooling

Global

Description	Part Number

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Extraction Toolkit for MX150 Connectors	2002220700
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm² Wire	638082600
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Female Terminals, 18 AWG and 1.00mm² Wire	638082800
FA2 Pneumatic Feed Crimp Applicator for MX150 Crimp Terminals, 18 AWG	638082810
PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 22-18 AWG	638116000
PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm² and 1.50mm² Metric Wires	638116100
Hand Crimp Tool Metric 0.5 and 0.75	638116200
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG	640160133

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