molex



Part Number : 330123001
Product Description : MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 16-14 AWG, Left Reel Payoff
Series Number : 33012
Status : Active
Product Category : Crimp Terminals

Documents & Resources

Drawings

330123001_sd.pdf

313025040-000.pdf

Specifications

AS-33012-002-001.pdf

AS-33012-002-CH-001.pdf

AS-33012-002-FR-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	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

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 Mat-Sealed Connectors, Tin Plating, 16-14 AWG, Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire, Automotive
Comments	Left Reel Payoff, Small Polarization Rib
Product Name	MX150
UPC	822350084284

Electrical

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

Physical

Durability (mating cycles max)	25
Gender	Female
Grip Code	14
Material - Metal	High Performance Alloy (HPA)

Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.391/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.70mm max.
Wire Size (AWG)	14, 16
Wire Size mm^2	1.25-2.00

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

Application Tooling

Global

Description	Part Number
Extraction Toolkit for MX150 Connectors	2002220700
FA2 Mechanical Feed Crimp Applicator for MX150 Mat Seal/ Unsealed Receptacle Terminals, 14 AWG,16 AWG, 1.25mm^2 and 1.50mm^2	638082300
FA2 Pneumatic Feed Applicator for MX150 Mat Seal/Unsealed	638082310

Receptacle Terminals, 14 AWG, 16 AWG, 1.25mm² and 1.50mm²	
FA2 Pneumatic Feed Crimp Applicator for MX150 Mat Seal Terminals, 14 AWG, 1.25mm² and 2.00mm² Wire	638088110
PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 16-14 AWG	638115900
PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm² and 1.50mm² Metric Wires	638116100
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 1.50mm² wires	639040600
FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 2.00mm² wires	639040700
ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG	640160133