

Part Number : 330122002

Series Number : 33012

Product Category : Crimp Terminals

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

Status : Active

Documents & Resources

Drawings

Drawing 330122002_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; 33; 34
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, Right Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire, Automotive
Comments	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
Product Family	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822350084239

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
Material - Plating Termination	Tin
Net Weight	522.000/mg
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
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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>
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>
ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG	<u>640160133</u>