



Part Number : 330001001

Series Number : 33000

Product Category : Crimp Terminals

Product Description : MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Left Reel Payoff

Status : Active

Documents & Resources

Drawings

Drawing 330001001_sd.pdf

Packaging Design Drawing 313025040-000.pdf


Specifications

Application Specification AS-33000-001-001.pdf

Test Summary TS-33000-001-001.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(2023)8585-DC (23 Jan 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)

Part Details

General

Status	Active
Category	Crimp Terminals
Series	33000
Description	MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff
Product Family	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	756054586280

Electrical

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

Physical

Durability (mating cycles max)	25
Gender	Male
Grip Code	14
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.481/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
Wire Size mm ²	1.50

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 Crimp Terminals, 14 AWG, 1.50mm ² and 2.00mm ² Wire	<u>638087900</u>
FA2 Pneumatic Feed Crimp Applicator for MX150 Crimp Terminals, 14 AWG, 1.50mm ² and 2.00mm ² Wire	<u>638087910</u>
PremiumGrade Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 14-16 AWG	<u>638112400</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 (M3) Blade Terminals, 1.50mm ² wires	<u>639041000</u>
FineAdjust Applicator for SRC Connector using MX150 (M3) Blade Terminals, 2.00mm ² wires	<u>639041100</u>