Part Number : 330015001
Product Description : MX150 Female Terminal for Mat-Sealed Connectors, Silver Plating, 14 and 16 AWG, Left Reel Payoff
Series Number : 33001
Status : Active
Product Category : Crimp Terminals



## Documents & Resources

### Drawings

Drawing_330015001_sd.pdf

### Specifications

Test Summary_TS-33001-003-001.pdf
Test Summary_TS-33001-004-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Duty-To-Declare |
| China RoHS | Not Relevant |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Relevant |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| 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 | 33001 |
| Description | MX150 Female Terminal for Mat-Sealed Connectors, Silver Plating, 14 and 16 AWG, Left Reel Payoff |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | Left Reel Payoff, Small Polarization Rib |
| Product Family | MX150 Sealed and Unsealed Connector System |
| Product Name | MX150 |
| UPC | 822350753708 |

## Electrical

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

## Physical

| | |
|---|---|
| Gender | Female |
| Grip Code | 14 |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Silver |
| Material - Plating Termination | Tin |
| Net Weight | 0.443/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 2.70mm max. |
| Wire Size (AWG) | 14, 16 |
| Wire Size $mm^2$ | 1.50 |

## Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

## Use with Part(s)

| Description | Part Number |
|---|---|
| MX150 Mat-Sealed Dual Row Female Connector Assemblies | 33472 |
| MX150 Mat-Sealed Single Row Female Connector Assemblies | 33471 |

## Application Tooling

### Global

| Description | Part Number |
|---|---|
| Extraction Toolkit for MX150 Connectors | 2002220700 |
| FA2 Mechanical Feed Applicator for MX150 Mat Seal/Unsealed Receptacle Terminals, 14 AWG,16 AWG, 1.25mm$^2$ and 1.50mm$^2$ | 0638082300 |
| FA2 Pneumatic Feed Applicator for MX150 Mat Seal/Unsealed Receptacle Terminals, 14 AWG, 16 AWG, 1.25mm$^2$ and 1.50mm$^2$ | 0638082310 |
| FA2 Pneumatic Feed Crimp Applicator for MX150 Mat Seal Terminals, 14 AWG, 1.25mm$^2$ and 2.00mm$^2$ Wire | 0638088110 |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 14-16 AWG | 0638115900 |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm$^2$ and 1.50mm$^2$ Metric Wires | 0638116100 |
| Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals | 0638131500 |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 1.50mm$^2$ wires | 0639040600 |
| FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 2.00mm$^2$ wires | 0639040700 |

| | |
|---|---|
| ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 14-22 AWG | 0640160133 |