

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0330012003

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 14 and 16 AWG, Right Reel Payoff



Series image - Reference only

Documents:

- [Drawing \(PDF\)](#)

[Product Specification PS-33012-002-001 \(PDF\)](#)

[Application Specification AS-33012-002-001 \(PDF\)](#)

[Application Specification AS-33012-002-CH-001 \(PDF\)](#)

[Application Specification AS-33012-002-FR-001 \(PDF\)](#)
- [Packaging Specification 313025040-000 \(PDF\)](#)

[Test Summary TS-33001-002-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	33001
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
Crimp Quality Equipment	Yes
Overview	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822350083003

Physical

Gender	Female
Grip Code	14
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.435/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 mm²	1.50

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-33012-002-001, AS-33012-002-CH-001, AS-33012-002-FR-001
Packaging Specification	313025040-000
Product Specification	PS-33012-002-001
Sales Drawing	SD-33012-002-001
Test Summary	TS-33001-002-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

33001 Series

Use With

33472 Dual Row Housing. 33476 Hybrid Housing. 33471 Single Row Housing

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Extraction Toolkit for MX150 Connectors	2002220700
PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 14-16 AWG	638115900
PremiumGrade Hand Crimp Tool for MX150 Female	638116100

Terminals for
1.00mm² and
1.50mm² Metric
Wires
Extraction Tool for [638131500](#)
MX150L, MX150, PT
Bulb Socket, iGrid,
SPOX, and Wire-to-
Motor Terminals
ServiceGrade [640160133](#)
Hand Crimp Tool
for MX150 Crimp
Terminals, 14-22
AWG

This document was generated on 12/28/2021
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[33001-2003 \(Mouser Reel\)](#) [33001-2003 \(Cut Strip\)](#) [33001-2003 \(Loose Piece\)](#)