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Part Number:

0330123002

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, 18 and 20 AWG, Left Reel Payoff

Documents:	
Drawing (PDF)	Application Specification AS-33012-002-FR-001 (PDF)
Product Specification PS-33012-002-001 (PDF)	Packaging Specification 313025040-000 (PDF)
Application Specification 330120000-AS-KR-000 (PDF)	Test Summary TS-33012-002-001 (PDF)
Application Specification AS-33012-002-001 (PDF)	Datasheet (PDF)
Application Specification AS-33012-002-CH-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	33012
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff, Small Polarization Rib
Crimp Quality Equipment	Yes
Overview	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822350084291

Physical	
Durability (mating cycles max)	25
Gender	Female
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.526/g
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 mm²	0.75-1.00

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	330120000-AS-KR-000, 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-33012-002-001



Series image - Reference only

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	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
33012 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
FA2 Mechanical Feed Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm² Wire	638082600
FA2 Pneumatic Feed Crimp Applicator	638082610

for MX150 18 Grip
Receptacle, 20
AWG and 0.75mm²
Wire
FA2 Mechanical [638082800](#)
Feed Applicator
for MX150 18 Grip
Female Terminals,
18 AWG and
1.00mm² Wire
FA2 Pneumatic Feed [638082810](#)
Crimp Applicator
for MX150 Crimp
Terminals, 18 AWG
Premium Grade [638116000](#)
Hand Crimp Tool
for MX150 Female
Terminals, 18-22
AWG
Premium Grade [638116100](#)
Hand Crimp Tool
for MX150 Female
Terminals for
1.00mm² and
1.50mm² Metric
Wires
Hand Crimp Tool [638116200](#)
Metric 0.5 and 0.75
Extraction Tool for [638131500](#)
MX150L, MX150, PT
Bulb Socket, iGrid,
SPOX, and Wire-to-
Motor Terminals
Fine Adjust Applicator [639040400](#)
for SRC Connector
using MX150
Receptacle
Terminals, 0.75mm²
wires
Fine Adjust Applicator [639040500](#)
for SRC Connector
using MX150
Receptacle
Terminals, 1.00mm²
wires
Service Grade [640160133](#)
Hand Crimp Tool
for MX150 Crimp
Terminals, 14-22
AWG

Mouser Electronics

Authorized Distributor

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Molex:

[33012-3002 \(Cut Strip\)](#) [33012-3002 \(Mouser Reel\)](#) [33012-3002 \(Loose Piece\)](#)