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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	<u>MX150 Sealed and Unsealed Connector System</u>
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 mm ²	0.75-1.00

Electrical

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

Solder Process Data

Lead-free Process Capability	N/A
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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)10043-DC (17
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Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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 0.75mm ² 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
 PremiumGrade 638116000
 Hand Crimp Tool
 for MX150 Female
 Terminals, 18-22
 AWG
 PremiumGrade 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
 FineAdjust Applicator 639040400
 for SRC Connector
 using MX150
 Receptacle
 Terminals, 0.75mm²
 wires
 FineAdjust Applicator 639040500
 for SRC Connector
 using MX150
 Receptacle
 Terminals, 1.00mm²
 wires
 ServiceGrade 640160133
 Hand Crimp Tool
 for MX150 Crimp
 Terminals, 14-22
 AWG

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