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Part Number: [0330013004](#)
Status: **Active**
Overview: [MX150 Sealed and Unsealed Connector System](#)
Description: MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 16, 18 and 20 AWG, Left Reel Payoff

Documents:

Drawing (PDF)	Packaging Specification 313025040-000 (PDF)
Product Specification PS-33012-002-001 (PDF)	Test Summary TS-33001-002-001 (PDF)
Application Specification AS-33012-002-001 (PDF)	Datasheet (PDF)
Application Specification AS-33012-002-CH-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-33012-002-FR-001 (PDF)	



Series image - Reference only

General

Product Family	Crimp Terminals
Series	33001
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	822350084178

Physical

Gender	Female
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Unplated
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	2.54mm 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	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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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
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

This document was generated on 01/03/2022

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