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Part Number: [0330013004](#)
Status: **Active**
Overview: [MX150 Sealed and Unsealed Connector System](#)
Description: [MX150 Female Terminal Sealed, Gold Plating, 16, 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 AS-33012-002-001 (PDF)	Test Summary TS-33001-002-001 (PDF)
Application Specification AS-33012-002-CH-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	33001
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff, Small Polarization Rib, Left Reel Payoff, Small Polarization Rib
Crimp Quality Equipment Overview	Yes
Product Name	MX150 Sealed and Unsealed Connector System
UPC	MX150 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
Test Summary	TS-33001-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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
Hand Crimp Tool, 638116000
18-22 AWG
Hand Crimp Tool, 638116100
Metric 1.00 and 1.50
Hand Crimp Tool 638116200
Metric 0.5 and 0.75
Manual Extraction 638131500
Tool
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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