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Part Number: **0330001002**
Status: **Active**
Overview: MX150 Sealed and Unsealed Connector System
Description: MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin 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-33000-001-001 (PDF)
Application Specification AS-33000-001-001 (PDF)	Datasheet (PDF)
Application Specification AS-33000-001-CH-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-33000-001-FR-001 (PDF)	

General

Product Family	Crimp Terminals
Series	33000
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff
Crimp Quality Equipment	Yes
Overview	<u>MX150 Sealed and Unsealed Connector System</u>
Product Name	MX150
UPC	756054586259

Physical

Durability (mating cycles max)	25
Gender	Male
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.320/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	16, 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-33000-001-001, AS-33000-001-CH-001, AS-33000-001-FR-001
Packaging Specification	313025040-000
Product Specification	PS-33012-002-001
Sales Drawing	SD-33000-001-001
Test Summary	TS-33000-001-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

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

33000 Series

Use With

[33482](#) Dual Row Housing, [33481](#) Single Row Housing, [33486](#) Hybrid 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 Applicator for MX150 Terminals, 20 AWG GXL or TXL Wire, Insulation Diameter (OD)	638082700
1.60mm-2.54mm	

FA2 Pneumatic Feed [638082710](#)
Crimp Applicator
for MX150 18 Grip
Blade Terminals, 20
AWG

FA2 Mechanical [638082900](#)
Feed Applicator
for MX150 18 Grip
Male Terminals, 18
AWG, 0.75mm² and
1.00mm² Wire

FA2 Mechanical [638084100](#)
Feed Applicator for
MX150 Mat Seal/
Unsealed Blade
Terminals, 16 AWG
TXL Wire and 18
AWG GXL Wire

FA2 Pneumatic Feed [638084110](#)
Applicator for MX150
Mat Seal/Unsealed
Blade Terminals, 16
AWG TXL Wire and
18 AWG GXL Wire

PremiumGrade [638112400](#)
Hand Crimp
Tool for 1.50mm
MX150 Blade Male
Terminals, 14-16
AWG

PremiumGrade [638112600](#)
Hand Crimp
Tool for 1.50mm
MX150 Blade Male
Terminals, 18-22
AWG

Extraction Tool for [638131500](#)
MX150L, MX150, PT
Bulb Socket, iGrid,
SPOX, and Wire-to-
Motor Terminals

FineAdjust Applicator [639040800](#)
for SRC Connector
using MX150
Receptacle
Terminals, 0.75mm²
wires

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