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Part Number: [0330111004](#)
Status: **Active**
Overview: [MX150 Sealed and Unsealed Connector System](#)
Description: MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Gold Plating, 16, 18 and 20 AWG, Right 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 | 33011 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers. |
| Crimp Quality Equipment Overview | Yes |
| Product Name | MX150 Sealed and Unsealed Connector System |
| UPC | MX150 756054586365 |

Physical

| | |
|--------------------------------|------------------------------|
| Gender | Male |
| Grip Code | 18 |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.377/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 | 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 |
|------------------------------|-----|

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 July 2021)

Halogen-Free

Status

Not Relevant

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Not Relevant

Compliant

Not Contained

Search Parts in this Series

[33011 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 Feed Applicator for MX150 Mat Seal/Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire | 638084100 |

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

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