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Part Number:

0330014002

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Female Terminal Sealed, Silver Plating, 18 and 20 AWG, Right Reel Payoff

- Documents:
- Drawing (PDF)

Application Specification AS-33012-002-CH-001 (PDF)
- Product Specification PS-33012-002-001 (PDF)

Application Specification AS-33012-002-FR-001 (PDF)
- Product Specification TS-33001-003-001 (PDF)

Packaging Specification 313025040-000 (PDF)
- Product Specification TS-33001-004-001 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification AS-33012-002-001 (PDF)

|                                |                                                                                                                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                        |                                                                                                                                                                                                                                                                  |
| Product Family                 | Crimp Terminals                                                                                                                                                                                                                                                  |
| Series                         | 33001                                                                                                                                                                                                                                                            |
| 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., For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers. |
| Crimp Quality Equipment        | Yes                                                                                                                                                                                                                                                              |
| Overview                       | MX150 Sealed and Unsealed Connector System                                                                                                                                                                                                                       |
| Product Name                   | MX150                                                                                                                                                                                                                                                            |
| UPC                            | 822350753654                                                                                                                                                                                                                                                     |
| Physical                       |                                                                                                                                                                                                                                                                  |
| Gender                         | Female                                                                                                                                                                                                                                                           |
| Grip Code                      | 18                                                                                                                                                                                                                                                               |
| Material - Metal               | High Performance Alloy (HPA)                                                                                                                                                                                                                                     |
| Material - Plating Mating      | Silver                                                                                                                                                                                                                                                           |
| Material - Plating Termination | Tin                                                                                                                                                                                                                                                              |
| Net Weight                     | 0.443/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 mm²                  | 0.75-1.00                                                                                                                                                                                                                                                        |
| Electrical                     |                                                                                                                                                                                                                                                                  |
| Current - Maximum per Contact  | Contact Molex                                                                                                                                                                                                                                                    |
| Voltage - Maximum              | 14V DC                                                                                                                                                                                                                                                           |
| Solder Process Data            |                                                                                                                                                                                                                                                                  |
| Lead-freeProcess Capability    | N/A                                                                                                                                                                                                                                                              |
| 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, TS-33001-003-001, TS-33001-004-001                                                                                                                                                                                                             |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Relevant

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

China RoHS

Not Relevant

ELV

Compliant

RoHS Phthalates

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 # |
| Hand Crimp Tool, 18-22 AWG                                                                                                                                                      | 638116000 |
| Hand Crimp Tool, Metric 1.00 and 1.50                                                                                                                                           | 638116100 |
| Hand Crimp Tool Metric 0.5 and 0.75                                                                                                                                             | 638116200 |
| Manual Extraction Tool                                                                                                                                                          | 638131500 |
| ServiceGrade Hand Crimp Tool                                                                                                                                                    | 640160133 |

This document was generated on 04/01/2019

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