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Part Number:

0330013022

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Female Terminal for Unsealed Connectors, Gold Plating, 18 and 20 AWG, Left Reel Payoff. Not suitable for MX150 Sealed Connectors.



Series image - Reference only

- Documents:
- [Drawing \(PDF\)](#)

[Product Specification PS-33012-002-001 \(PDF\)](#)

[Application Specification AS-33012-002-001 \(PDF\)](#)

[Application Specification AS-33012-002-CH-001 \(PDF\)](#)

[Application Specification AS-33012-002-FR-001 \(PDF\)](#)

[Packaging Specification 313025040-000 \(PDF\)](#)

[Test Summary TS-33001-002-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| General                        |                                                                                       |
| Product Family                 | Crimp Terminals                                                                       |
| Series                         | 33001                                                                                 |
| Application                    | Power, Wire-to-Board, Wire-to-Wire                                                    |
| Comments                       | Left Reel Payoff, Large Polarization Rib. Not to be used with MX150 Sealed Connectors |
| Crimp Quality Equipment        | Yes                                                                                   |
| Overview                       | MX150 Sealed and Unsealed Connector System                                            |
| Product Name                   | MX150                                                                                 |
| UPC                            | 822350084208                                                                          |
| 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 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                                                                      |
| Sales Drawing                  | SD-33012-002-001                                                                      |
| Test Summary                   | TS-33001-002-001                                                                      |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV<br>Compliant                                           |               |
| EU RoHS<br>Compliant                                          | China RoHS    |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)9139-DC (19 Jan 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Relevant                                                  |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| 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 #  |
| Extraction Toolkit for MX150 Connectors                                                                                                                                         | 2002220700 |
| FA2 Mechanical Feed Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm² Wire                                                                                  | 638082600  |
| FA2 Mechanical Feed Applicator                                                                                                                                                  | 638082800  |

|                                                                                                |                  |
|------------------------------------------------------------------------------------------------|------------------|
| for MX150 18 Grip<br>Female Terminals,<br>18 AWG and<br>1.00mm² Wire<br>PremiumGrade           | <u>638116000</u> |
| Hand Crimp Tool<br>for MX150 Female<br>Terminals, 18-22<br>AWG<br>PremiumGrade                 | <u>638116100</u> |
| Hand Crimp Tool<br>for MX150 Female<br>Terminals for<br>1.00mm² and<br>1.50mm² Metric<br>Wires |                  |
| Hand Crimp Tool                                                                                | <u>638116200</u> |
| Metric 0.5 and 0.75<br>Extraction Tool for                                                     | <u>638131500</u> |
| MX150L, MX150, PT<br>Bulb Socket, iGrid,<br>SPOX, and Wire-to-<br>Motor Terminals              |                  |
| ServiceGrade                                                                                   | <u>640160133</u> |
| Hand Crimp Tool<br>for MX150 Crimp<br>Terminals, 14-22<br>AWG                                  |                  |

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