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Part Number:

0330014022

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

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



|                                                                     |                                                      |
|---------------------------------------------------------------------|------------------------------------------------------|
| <b>Documents:</b>                                                   |                                                      |
| <a href="#">Drawing (PDF)</a>                                       | <a href="#">Test Summary TS-33001-003-001 (PDF)</a>  |
| <a href="#">Product Specification PS-33012-002-001 (PDF)</a>        | <a href="#">Test Summary TS-33001-004-001 (PDF)</a>  |
| <a href="#">Application Specification AS-33012-002-001 (PDF)</a>    | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Application Specification AS-33012-002-CH-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Application Specification AS-33012-002-FR-001 (PDF)</a> |                                                      |

|                                    |                                                                                                                                                                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>                     |                                                                                                                                                                                                                                     |
| Product Family                     | Crimp Terminals                                                                                                                                                                                                                     |
| Series                             | 33001                                                                                                                                                                                                                               |
| Application                        | Power, Wire-to-Board, Wire-to-Wire                                                                                                                                                                                                  |
| Comments                           | Right Reel Payoff, Small Polarization Rib <br><br>For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers. <br>. Not to be used with MX150 Sealed Connectors |
| Crimp Quality Equipment            | Yes                                                                                                                                                                                                                                 |
| Overview                           | MX150 Sealed and Unsealed Connector System                                                                                                                                                                                          |
| Product Name                       | MX150                                                                                                                                                                                                                               |
| UPC                                | 822350753685                                                                                                                                                                                                                        |
| <b>Physical</b>                    |                                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                           |
| <b>Electrical</b>                  |                                                                                                                                                                                                                                     |
| Current - Maximum per Contact      | Contact Molex                                                                                                                                                                                                                       |
| Voltage - Maximum                  | 14V DC                                                                                                                                                                                                                              |
| <b>Solder Process Data</b>         |                                                                                                                                                                                                                                     |
| Lead-freeProcess Capability        | N/A                                                                                                                                                                                                                                 |
| <b>Material Info</b>               |                                                                                                                                                                                                                                     |
| <b>Reference - Drawing Numbers</b> |                                                                                                                                                                                                                                     |
| Application Specification          | AS-33012-002-001, AS-33012-002-CH-001, AS-33012-002-FR-001                                                                                                                                                                          |
| Product Specification              | PS-33012-002-001                                                                                                                                                                                                                    |
| Sales Drawing                      | SD-33012-002-001                                                                                                                                                                                                                    |

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| <b>Compliant</b>                                              |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| <b>Compliant</b>                                              |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| <b>Not Relevant</b>                                           |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Not Relevant      |
| ELV                                                           | Compliant         |
| RoHS Phthalates                                               | Not Contained     |

|                                    |
|------------------------------------|
| <b>Search Parts in this Series</b> |
| 33001 Series                       |

|                                                                        |
|------------------------------------------------------------------------|
| <b>Use With</b>                                                        |
| 33472 Dual Row Housing. 33476 Hybrid Housing. 33471 Single Row Housing |

|                                                                                                                                                                                 |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Application Tooling   FAQ</b>                                                                                                                                                |                  |
| Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. |                  |
| <b>Global</b>                                                                                                                                                                   |                  |
| <b>Description</b>                                                                                                                                                              | <b>Product #</b> |
| Extraction Toolkit for MX150 Connectors                                                                                                                                         | 2002220700       |
| PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 18-22 AWG                                                                                                              | 638116000        |
| PremiumGrade Hand Crimp Tool for MX150 Female                                                                                                                                   | 638116100        |

Terminals for  
1.00mm<sup>2</sup> and  
1.50mm<sup>2</sup> Metric  
Wires  
Hand Crimp Tool [638116200](#)  
Metric 0.5 and 0.75  
Extraction Tool for [638131500](#)  
MX150L, MX150, PT  
Bulb Socket, iGrid,  
SPOX, and Wire-to-  
Motor Terminals  
ServiceGrade [640160133](#)  
Hand Crimp Tool  
for MX150 Crimp  
Terminals, 14-22  
AWG

This document was generated on 10/04/2021  
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