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Part Number:

0330122004

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Female Terminal for Mat-Sealed Connectors, Tin Plating, Grip Code M3, Preferred Terminal for use in Sealed Application with 0.35-0.50mm², Right Reel Payoff, Contact Material Thickness 0.30mm²



Series image - Reference only

Documents:

|                                                                     |                                                                     |
|---------------------------------------------------------------------|---------------------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                                       | <a href="#">Application Specification AS-33012-002-FR-001 (PDF)</a> |
| <a href="#">Product Specification PS-33012-002-001 (PDF)</a>        | <a href="#">Packaging Specification 313025040-000 (PDF)</a>         |
| <a href="#">Application Specification 330120000-AS-KR-000 (PDF)</a> | <a href="#">Test Summary TS-33012-002-001 (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>                |

General

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Product Family          | Crimp Terminals                                                                                                                 |
| Series                  | 33012                                                                                                                           |
| 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 | Yes                                                                                                                             |
| Overview                | MX150 Sealed and Unsealed Connector System                                                                                      |
| Product Name            | MX150                                                                                                                           |
| UPC                     | 884982250611                                                                                                                    |

Physical

|                                |                              |
|--------------------------------|------------------------------|
| Gender                         | Female                       |
| Grip Code                      | M3                           |
| Material - Metal               | High Performance Alloy (HPA) |
| Material - Plating Mating      | Tin                          |
| Material - Plating Termination | Tin                          |
| Net Weight                     | 0.391/g                      |
| Packaging Type                 | Reel                         |
| Plating min - Mating           | 0.762µm                      |
| Plating min - Termination      | 2.540µm                      |
| Termination Interface: Style   | Crimp or Compression         |
| Wire Insulation Diameter       | 1.70mm max.                  |
| Wire Size AWG                  | N/A                          |
| Wire Size mm²                  | 0.35-0.50                    |

Electrical

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | Contact Molex |
| Voltage - Maximum             | 14V DC        |

Material Info

Reference - Drawing Numbers

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Application Specification | 330120000-AS-KR-000, 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, SD-33481-0001-001                                             |
| Test Summary              | TS-33012-002-001                                                                |

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

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

China RoHS

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

33012 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 |
| Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals | 638131500  |
| Hand Crimp Tool for ISO (M3) Receptacle Terminals                                           | 638233700  |

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