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Part Number: 0330001002
Status: Active
Overview: MX150 Sealed and Unsealed Connector System
Description: MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 16, 18 and 20 AWG, Left Reel Payoff



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-33012-002-001 (PDF)
Application Specification AS-33000-001-001 (PDF)
Application Specification AS-33000-001-CH-001 (PDF)
Application Specification AS-33000-001-FR-001 (PDF)
Packaging Specification 313025040-000 (PDF)
Test Summary TS-33000-001-001 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	33000
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Left Reel Payoff
Crimp Quality Equipment	Yes
Overview	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	756054586259

Physical

Durability (mating cycles max)	25
Gender	Male
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.320/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.54mm max.
Wire Size AWG	16, 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-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

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
33000 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 18 Grip Blade Terminals, 20 AWG Wire	638082700
FA2 Pneumatic Feed Crimp Applicator for MX150 18 Grip	638082710

Blade Terminals, 20 AWG	
FA2 Mechanical Feed Applicator for MX150 18 Grip Male Terminals, 18 AWG, 0.75mm² and 1.00mm² Wire	638082900
FA2 Mechanical Feed Applicator for MX150 Mat Seal/ Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	638084100
FA2 Pneumatic Feed Applicator for MX150 Mat Seal/Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	638084110
Hand Crimp Tool, 14-16 AWG	638112400
Hand Crimp Tool, 18-22 AWG	638112600
Manual Extraction Tool	638131500
FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 0.75mm² wires	639040800

Mouser Electronics

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Molex:
33000-1002