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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

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	0.438/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



Series image - Reference only

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

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 Applicator for MX150 Terminals, 20 AWG GXL or TXL Wire, Insulation Diameter (OD)	638082700
1.60mm-2.54mm	

FA2 Pneumatic Feed	638082710
Crimp Applicator for MX150 18 Grip Blade Terminals, 20 AWG	
FA2 Mechanical	638082900
Feed Applicator for MX150 18 Grip Male Terminals, 18 AWG, 0.75mm² and 1.00mm² Wire	
FA2 Mechanical	638084100
Feed Applicator for MX150 Mat Seal/ Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	
FA2 Pneumatic Feed	638084110
Applicator for MX150 Mat Seal/Unsealed Blade Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	
PremiumGrade	638112400
Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 14-16 AWG	
PremiumGrade	638112600
Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 18-22 AWG	
Extraction Tool for	638131500
MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to- Motor Terminals	
FineAdjust Applicator	639040800
for SRC Connector using MX150 Receptacle Terminals, 0.75mm² wires	

Mouser Electronics

Authorized Distributor

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Molex:

[33000-1002](#) [33000-1002 \(Cut Strip\)](#) [33000-1002 \(Mouser Reel\)](#) [33000-1002 \(Loose Piece\)](#)