molex

Part Number : 330001001

Product Description : MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Left Reel Payoff

Series Number : 33000

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings
Drawing_330001001_sd.pdf
Packaging Design Drawing_313025040-000.pdf
Packaging Design Drawing_313025040-000.pdf

Specifications
Application Specification_AS-33000-001-001.pdf
Test Summary_TS-33000-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	⊖
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	33000
Description	MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire, Automotive
Comments	Left Reel Payoff
Product Family	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	756054586280

Electrical

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

Physical

Durability (mating cycles max)	25
Gender	Male
Grip Code	14
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.481/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.70mm max.

Wire Size (AWG)	14
Wire Size mm²	1.50

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
MX150 Mat-Sealed Single Row Male Connector Assemblies	33481
MX150 Mat-Sealed Dual Row Male Connector Assemblies	33482

Application Tooling

Global

Description	Part Number
Extraction Toolkit for MX150 Connectors	2002220700
FA2 Mechanical Feed Crimp Applicator for MX150 Crimp Terminals, 14 AWG, 1.50mm² and 2.00mm² Wire	638087900
FA2 Pneumatic Feed Crimp Applicator for MX150 Crimp Terminals, 14 AWG, 1.50mm² and 2.00mm² Wire	638087910
PremiumGrade Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 16-14 AWG	638112400
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
FineAdjust Applicator for SRC Connector using MX150 (M3) Blade Terminals, 1.50mm² wires	639041000
FineAdjust Applicator for SRC Connector using MX150 (M3) Blade Terminals, 2.00mm² wires	639041100