Part Number : 330012003
Product Description : MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 16-14 AWG, Right Reel Payoff
Series Number : 33001
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

330012003_sd.pdf

313025040-000.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-33012-002-001.pdf

AS-33012-002-CH-001.pdf

AS-33012-002-FR-001.pdf

AS-33012-002-001.pdf

PS-33012-002-001.pdf

TS-33001-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	33001
Description	MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 16-14 AWG, Right Reel Payoff
Application	Wire-to-Board, Wire-to-Wire, Automotive
Comments	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
Product Name	MX150
UPC	822350083003

Electrical

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

Physical

Gender	Female
Grip Code	14
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.435/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Terminal Size	1.5
Wire Insulation Diameter	2.70mm max.
Wire Size (AWG)	14, 16
Wire Size mm^2	1.25-2.00

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
MX150 Mat-Sealed Dual Row Female Connector Assemblies	33472
MX150 Mat-Sealed Single Row Female Connector Assemblies	33471
MX150 Hybrid Mat-Sealed Female Connector Assemblies	34985
MX150 Mid-Voltage Mat-Sealed Female Connector Assemblies	300361
MX150 Mid-Voltage Mat-Sealed Female Connector Assemblies	300363
MX150 Mid-Voltage Hybrid Mat-Sealed Female Connector Assemblies	303367

Application Tooling

Global

Description	Part Number
Extraction Toolkit for MX150 Connectors	2002220700
PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 16-14 AWG	638115900
PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm² and 1.50mm² Metric Wires	638116100
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG	640160133