Part Number : 330013004
Product Description : MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 20-18 AWG, Left Reel Payoff
Series Number : 33001
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

330013004_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

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, 20-18 AWG, Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire, Automotive
Comments	Left Reel Payoff, Small Polarization Rib
Product Name	MX150
UPC	822350084178

Electrical

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

Physical

Gender	Female
Grip Code	18
Material - Metal	High Performance Alloy (HPA)

Material - Plating Mating	Gold
Material - Plating Termination	Unplated
Net Weight	0.533/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.54mm max.
Wire Size (AWG)	18, 20
Wire Size mm^2	0.75-1.00

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

Application Tooling

Global

Description	Part Number
Extraction Toolkit for MX150 Connectors	2002220700
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Receptacle Terminals, 20 AWG and 0.75mm^2 Wire	638082600
FA2 Pneumatic Feed Crimp Applicator for MX150 18 Grip Receptacle, 20 AWGand 0.75mm^2	638082610

Wire	
FA2 Mechanical Feed Crimp Applicator for MX150 18 Grip Female Terminals, 18 AWG and 1.00mm² Wire	638082800
FA2 Pneumatic Feed Crimp Applicator for MX150 Crimp Terminals, 18 AWG	638082810
PremiumGrade Hand Crimp Tool for MX150 Female Terminals, 22-18 AWG	638116000
PremiumGrade Hand Crimp Tool for MX150 Female Terminals for 1.00mm² and 1.50mm² Metric Wires	638116100
Hand Crimp Tool Metric 0.5 and 0.75	638116200
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	638131500
FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 0.75mm² wires	639040400
FineAdjust Applicator for SRC Connector using MX150 Receptacle Terminals, 1.00mm² wires	639040500
ServiceGrade Hand Crimp Tool for MX150 Crimp Terminals, 22-14 AWG	640160133