



Part Number : 312961008

Product Description : MX150 Male Terminal for Mat-Sealed Connectors with Shorting Bars, Gold (Au) Plating, 18-20 AWG, Right to Left Reel Payoff

Series Number : 31296

Status : Active

Product Category : Crimp Terminals

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## Documents & Resources

### Drawings

Drawing 312961008\_sd.pdf

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	31296
Description	MX150 Male Terminal for Mat-Sealed Connectors with Shorting Bars, Gold (Au) Plating, 18-20 AWG, Right to Left Reel Payoff
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
Product Family	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822348394777

## Electrical

Current - Maximum per Contact	22.0A
Voltage - Maximum	500V DC

## Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.341/g
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.60mm max.
Wire Size (AWG)	18, 20
Wire Size mm <sup>2</sup>	0.75-1.00

## Solder Process Data

Lead-Free Process Capability	N/A
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## Use with Part(s)

Description	Part Number
MX150 Mat-Sealed Male Connector Assemblies with Shorting Bars	<u>31280</u>

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### Application Tooling

#### Global

Description	Part Number
Extraction Toolkit for MX150 Connectors	<u>2002220700</u>
PremiumGrade Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 18-22 AWG	<u>638112600</u>
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>638131500</u>