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Part Number: **033000002**
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, Right Reel Payoff

Documents:

Drawing (PDF)	Packaging Specification 313025040-000 (PDF)
Product Specification PS-33012-002-001 (PDF)	Test Summary TS-33000-001-001 (PDF)
Application Specification AS-33000-001-001 (PDF)	Datasheet (PDF)
Application Specification AS-33000-001-CH-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-33000-001-FR-001 (PDF)	



Series image - Reference only

General

Product Family	Crimp Terminals
Series	33000
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.
Crimp Quality Equipment Overview	Yes
Product Name	<u>MX150 Sealed and Unsealed Connector System</u>
UPC	MX150 800756103556

Physical

Gender	Male
Grip Code	18
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.320/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 mm ²	0.75-1.00

Electrical

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

Solder Process Data

Lead-free Process Capability	N/A
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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

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25 June 2020)
di-n-pentyl phthalate (DPP)
perfluorooctanoic acid disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo) diisopentylphthalate
1,2-diethoxyethane
dibutyltin dichloride
1,3-propanesultone
ammoniumpentadecafluorooctanoate
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
diisohexyl phthalate
1,2-benzenedicarboxylic acid, dipentylester, bra
n-pentyl-isopentylphthalate
Boric acid
Nonadecafluorodecanoic acid (PFDA) and its sodiu

China RoHS

Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Methylhexahydrophthalic
anhydride
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Perfluorohexane-1-
sulphonic acid and its
salts
Lead sulfochromate
yellow
strontium chromate
bis(2-methoxyethyl)
ether
pentazinc chromate
octahydroxide
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
cadmium
lead dinitrate
lead oxide sulfate
pentalead tetraoxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
lead cyanamidate
Sulfurous acid, lead
salt, dibasic
[phthalato(2-)]dioxotrilead
benzo[a]pyrene
4-aminoazobenzene
dihexyl phthalate
(DnHP)
ethylene thiourea

**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	638084100
Feed Applicator for MX150 Mat Seal/Unsealed Blade	
Terminals, 16 AWG	
TXL Wire and 18 AWG GXL Wire	
FA2 Pneumatic Feed Applicator for MX150 Mat Seal/Unsealed Blade	638084110
Terminals, 16 AWG TXL Wire and 18 AWG GXL Wire	
Hand Crimp Tool, 14-16 AWG	638112400
Hand Crimp Tool, 18-22 AWG	638112600
Manual Extraction Tool	638131500

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