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Part Number:

0330012004

Status:

Active

Overview:

MX150 Sealed and Unsealed Connector System

Description:

MX150 Female Terminal for Mat-Sealed Connectors, Gold Plating, 18 and 20 AWG, Right Reel Payoff



Series image - Reference only

Documents:

- Drawing (PDF)

Product Specification PS-33012-002-001 (PDF)

Application Specification AS-33012-002-001 (PDF)

Application Specification AS-33012-002-CH-001 (PDF)

Application Specification AS-33012-002-FR-001 (PDF)
- Packaging Specification 313025040-000 (PDF)

Test Summary TS-33001-002-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	33001
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	Yes
Overview	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822350084116

Physical

Gender	Female
Grip Code	18
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
Wire Insulation Diameter	2.54mm max.
Wire Size AWG	18, 20
Wire Size mm²	0.75-1.00

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-33012-002-001, AS-33012-002-CH-001, AS-33012-002-FR-001
Packaging Specification	313025040-000
Product Specification	PS-33012-002-001
Sales Drawing	SD-33012-002-001
Test Summary	TS-33001-002-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
chromium trioxide
1,3-propanesultone
1-vinylimidazole
4,4'-methylenedi-o-
toluidine
2-methylimidazole
dibutyltin dichloride
1,2-diethoxyethane
methoxyacetic acid
1,2-
Benzenedicarboxylic
acid, bis(3-
methylbutyl)
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
octamethylcyclotetrasiloxane
dodecamethylcyclohexasiloxane
heptacosafuorotetradecanoic
acid
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-
pen
tricosafuorododecanoic
acid
Dipentyl phthalate
C,C'-
azodi(formamide)
6-methoxy-m-toluidine
2-methoxyethyl
acetate
furan
ethylenediamine

China RoHS

1-bromopropane
nitrobenzene
4-tert-butylphenol
4-o-tolylazo-o-
toluidine
ethylene thiourea
4-methyl-m-
phenylenediamine
o-toluidine
butyl 4-
hydroxybenzoate
dinoseb (ISO)
phenanthrene
dihexyl phthalate
(DnHP)
p-(1,1-
dimethylpropyl)phenol
N-methylacetamide
dimethyl sulphate
propylene oxide
diethyl sulphate
4-aminoazobenzene
1,3,5-tris-[(2S
and 2R)-2,3-
epoxypropyl]-1,3,5-t
lead(II)
methanesulphonate
Fatty acids, C16-18,
lead salts
[phthalato(2-)]dioxotrilead
Perfluorohexane-1-
sulphonic acid and its
salts
5-sec-butyl-2-(2,4-
dimethylcyclohex-3-
en-1-yl)-5
1,2-
benzenedicarboxylic
acid, di-C6-10-alkyl
est
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Cadmium sulphate
Sodium perborate;
perboric acid, sodium
salt
Methylhexahydrophthalic
anhydride
hexahydro-2-
benzofuran-1,3-dione
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Pyrene
Fluoranthene
Tris(4-nonylphenyl,
branched and linear)
phosphi
2,3,3,3-tetrafluoro-2-
(heptafluoropropoxy)propio

Nonadecafluorodecanoic acid (PFDA) and its sodium
4-Heptylphenol, branched and linear
4-Nonylphenol, branched and linear, ethoxylated
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated
Trixylyl phosphate
4-Nonylphenol, branched and linear
[substances with
Acids generated from chromium trioxide and their
Zirconia
Aluminosilicate
Refractory Ceramic
Fibres
Aluminosilicate
Refractory Ceramic
Fibres
4,4'-Oxydianiline and its salts
Boric acid
Disodium tetraborate
Hydrazine
1,3-BENZENEDIOL, TRINITRO-, LEAD SALT
n-pentylisopentylphthalate
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine
2-benzyl-2-dimethylamino-4-morpholinobutyrophenone
4,4-isobutylethylidenediphenol
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropyl
1,2-Benzenedicarboxylic acid, dipentyl ester, branched
pentacosafuorotridecanoic acid
diisohexyl phthalate
1,2-Benzenedicarboxylic acid, dihexyl ester, branched
dibutylbis(pentane-2,4-dionato-O,O')tin
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]nonane
sodium peroxometaborate

Ammonium-
pentadecafluorooctanoate
henicosafuoroundecanoic
acid
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
1,2-dichloroethane
trilead diarsenate
2-methoxyaniline
arsenic acid
N,N-
dimethylacetamide
lead dipicrate
potassium
hydroxyoctaoxodizincatedichromate(1-)
bis(2-methoxyethyl)
ether
Calcium-arsenate
1,2-
Benzenedicarboxylic
acid, di-C6-8-
branched a
1,2,3-trichloropropane
N-methyl-2-
pyrrolidone
1,2-
Benzenedicarboxylic
acid, di-C7-11-
branched
Strontium-chromate
2-ethoxyethyl acetate
Cobalt sulphate
Cobalt-dinitrate
Acetic acid, cobalt(2+)
salt
Carbonic acid,
cobalt(2+) salt (1:1)
2-ethoxyethanol
trichloroethylene
Boric acid, disodium
salt, hydrate
sodium chromate
potassium dichromate
potassium chromate
ammonium
dichromate
Pitch, coal tar, high-
temp.
Lead sulfochromate
yellow
Lead chromate
molybdate sulfate red
lead chromate
diisobutyl phthalate
(DIBP)
Anthracene oil,
anthracene-low;
Anthracene Oil F
Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene paste,
anthracene fra

Anthracene oil,
anthracene paste;
Anthracene Oil
Anthracene oil;
Anthracene oil
2,4-dinitrotoluene
Butylbenzylphthalate
(BBP)
lead hydrogen
arsenate
bis(2-ethylhexyl)
phthalate (DEHP)
dibutyl phthalate
(DBP)
4,4'-
diaminodiphenylmethane
triethyl arsenate
Sulfurous acid, lead
salt, dibasic
Acetic acid, lead salt,
basic
lead cyanamidate
Borate(1-),
tetrafluoro-, lead (2+)
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
tetralead trioxide
sulphate
Trilead-dioxide-
phosphonate
pentalead tetraoxide
sulphate
Lead-titanium-trioxide
lead oxide sulfate
Silicic acid, lead salt
cadmium chloride
lead dinitrate
pyrochlore, antimony
lead yellow
Cadmium-fluoride
cadmium
 α,α -Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
[4-[[4-anilino-1-
naphthyl][4-
(dimethylamino)phen
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(
Lead oxide
trilead bis(carbonate)
dihydroxide
orange lead
cadmium sulphide
cadmium oxide (non-
pyrophoric)
Diboron-trioxide
bis(pentabromophenyl)
ether
4,4'-
bis(dimethylamino)-4''-
(methylamino)trityl

[4-[4,4'-bis(dimethylamino)benzhydrylidene]cycl
lead di(acetate)
1,2-bis(2-methoxyethoxy)ethane
1,2-dimethoxyethane
N,N,N',N'-tetramethyl-4,4'-methylendianiline
4,4'-bis(dimethylamino)benzophenone
tetraethyllead
formamide
2,2'-dichloro-4,4'-methylenedianiline
dichromium
tris(chromate)
phenolphthalein
lead diazide
1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl
Formaldehyde, polymer with benzenamine
pentazinc chromate
octahydroxide

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
[33001](#) Series

Use With
[33472](#) Dual Row Housing. [33476](#) Hybrid Housing. [33471](#) Single Row 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
Hand Crimp Tool, 18-22 AWG	638116000
Hand Crimp Tool, Metric 1.00 and 1.50	638116100
Hand Crimp Tool Metric 0.5 and 0.75	638116200
Manual Extraction Tool	638131500

ServiceGrade	<u>640160133</u>
Hand Crimp Tool	
for MX150 Crimp	
Terminals, 14-22	
AWG	

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