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Part Number:

0194180020

Status:

Active

Overview:

MX150L™ Industrial Sealed Connector System

Description:

MX150L™ 6 Circuit Receptacle for 18-22 AWG Wire, without CPA

Documents:

3D Model

Packaging Specification PK-19418-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-19417-001-001 (PDF)

Product Literature (PDF)

Application Specification AS-19417-001-001 (PDF)

|                                    |                                                                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>        |                                                                                                                                                                                                                   |
| CSA                                | LR18689                                                                                                                                                                                                           |
| UL                                 | E152602                                                                                                                                                                                                           |
| <b>General</b>                     |                                                                                                                                                                                                                   |
| Product Family                     | Crimp Housings                                                                                                                                                                                                    |
| Series                             | 19418                                                                                                                                                                                                             |
| Application                        | Power, Wire-to-Board, Wire-to-Wire                                                                                                                                                                                |
| Comments                           | IP67 rated; conforms to UL 1977. NOT suitable for automotive applications with requirements such as USCAR-2, USCAR-25, GMW3191, AK Testing, J2030, Volvo Technology Requirements, and Toyota Connector Spec (TCS) |
| MolexKits                          | Yes                                                                                                                                                                                                               |
| Overview                           | MX150L™ Industrial Sealed Connector System                                                                                                                                                                        |
| Product Literature Order No        | 987650-2181                                                                                                                                                                                                       |
| Product Name                       | MX150L™                                                                                                                                                                                                           |
| UPC                                | 822348005963                                                                                                                                                                                                      |
| <b>Physical</b>                    |                                                                                                                                                                                                                   |
| Circuits (maximum)                 | 6                                                                                                                                                                                                                 |
| Flammability                       | 94V-0                                                                                                                                                                                                             |
| Gender                             | Female                                                                                                                                                                                                            |
| Glow-Wire Compliant                | No                                                                                                                                                                                                                |
| Lock to Mating Part                | Yes                                                                                                                                                                                                               |
| Net Weight                         | 16.300/g                                                                                                                                                                                                          |
| Number of Rows                     | 2                                                                                                                                                                                                                 |
| Packaging Type                     | Bag                                                                                                                                                                                                               |
| Panel Mount                        | No                                                                                                                                                                                                                |
| Pitch - Mating Interface           | 5.84mm                                                                                                                                                                                                            |
| Polarized to Mating Part           | Yes                                                                                                                                                                                                               |
| Stackable                          | No                                                                                                                                                                                                                |
| Temperature Range - Operating      | -40°C to +125°C                                                                                                                                                                                                   |
| <b>Electrical</b>                  |                                                                                                                                                                                                                   |
| Current - Maximum per Contact      | 18.0A                                                                                                                                                                                                             |
| <b>Material Info</b>               |                                                                                                                                                                                                                   |
| <b>Reference - Drawing Numbers</b> |                                                                                                                                                                                                                   |
| Application Specification          | AS-19417-001-001                                                                                                                                                                                                  |
| Packaging Specification            | PK-19418-001                                                                                                                                                                                                      |
| Product Specification              | PS-19417-001-001                                                                                                                                                                                                  |
| Sales Drawing                      | SD-19418-004                                                                                                                                                                                                      |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contained Per - ED/21/2016 (20 June 2016)

Anthracene oil, anthracene-low; Anthracene Oil F Diisobutyl phthalate (DIBP)

Pitch, coal tar, high-temp.; Pitch

Tris(2-chloroethyl) phosphate

Acrylamide

Boric acid, disodium salt, hydrate

2-Ethoxyethanol

2-Methoxyethanol

Carbonic acid, cobalt(2+) salt (1:1)

Acetic acid, cobalt(2+) salt

Cobalt-dinitrate

Cobalt sulphate

1,2-Benzenedicarboxylic acid, di-C7-11-branched

1,2-Benzenedicarboxylic acid, di-C6-8-branched a

1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl

Dihexyl-phthalate

Dipentyl phthalate (DPP)

1,2-Benzenedicarboxylic acid, bis(3-methylbutyl) chromium trioxide  
1,2-Benzenedicarboxylic acid, dihexyl ester, bra  
1,2-benzenedicarboxylic acid, dipentylester, bra  
n-pentyl-isopentylphthalate  
Disodium tetraborate  
Boric acid  
Sodium dichromate  
HBCDD  
Acids generated from chromium trioxide and their  
Anthracene  
1,2-benzenedicarboxylic acid, di-C6-10-alkyl est  
Arsenic acid (H3AsO4), lead(2+) salt (1:1)  
Lead chromate  
Lead chromate molybdate sulfate red  
Lead sulfochromate yellow  
Ammonium-dichromate  
Potassium-chromate  
Potassium-dichromate  
Sodium-chromate  
Strontium-chromate  
Potassium hydroxyoctaoxodizincatedichromate  
Pentazinc-chromate-octahydroxide  
Dichromium tris(chromate)  
Decabromodiphenylether  
Alkanes, C10-13, chloro  
Trichloroethylene  
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  
Butyl benzyl phthalate (BBP)

Bis (2-ethylhexyl)  
phthalate (DEHP)  
musk xylene  
Diarsenic-trioxide  
Diarsenic-pentaoxide  
Cobalt-dichloride  
Dibutyl phthalate  
(DBP)  
4,4'-  
Methylenedianiline  
Arsenic acid  
(H3AsO4), triethyl  
ester  
**Halogen-Free**  
**Status**  
**Low-Halogen**  
**Need more information on product  
environmental compliance?**  
  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.  
  
China ROHS                      Green Image  
ELV                                Not Relevant  
RoHS Phthalates              Contained:  
                                         DIBP,BBP,DEHP,DBP

**Search Parts in this Series**  
[19418](#) Series

**Mates With**  
[19419](#) Plug, [19429](#) Panel Mount Plug

**Use With**  
[19420](#) Female Crimp Terminal