

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

Name Molex Product Compliance **E-Mail** Product.Compliance@molex.com

Part Information

Part Number 0194310001 **Part Weight** 0.31G

Part Name MALE PIN STRIP 10-12 AWG MX150L

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|--|-----------|------------|----------------------|--------------|
| MALE PIN STRIP - AWG MXL | Component | | 100 | 0.31 |
| High Copper Alloy (NB109) | Material | | 99.1 | 0.30721 |
| Copper | Substance | 7440-50-8 | 96.8207 | 0.300144 |
| Iron | Substance | 7439-89-6 | 0.0496 | 0.000154 |
| Nickel | Substance | 7440-02-0 | 0.991 | 0.003072 |
| Phosphorus | Substance | 7723-14-0 | 0.0496 | 0.000154 |
| Tin | Substance | 7440-31-5 | 0.8919 | 0.002765 |
| Zinc (metal) | Substance | 7440-66-6 | 0.0991 | 0.000307 |
| Misc. | Substance | system | 0.1487 | 0.000461 |
| Silver | Substance | 7440-22-4 | 0.0496 | 0.000154 |
| e-plate Ni (bright) (electrodeposited Nickel bright) | Material | | 0.3 | 0.00093 |
| Carbon | Substance | 7440-44-0 | 0.0001 | 5E-07 |
| Nitrogen | Substance | 7727-37-9 | 0.0001 | 5E-07 |

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|---|-----------|------------|----------------------|--------------|
| Sulphur | Substance | 7704-34-9 | 0.0002 | 7E-07 |
| Nickel | Substance | 7440-02-0 | 0.2995 | 0.000928 |
| e-plate Sn (electrodeposited Tin Coatings, bright and matt) | Material | | 0.6 | 0.00186 |
| Carbon | Substance | 7440-44-0 | 0.003 | 0.000009 |
| Sulphur | Substance | 7704-34-9 | 0.0001 | 4E-07 |
| Lead | Substance | 7439-92-1 | 0.0003 | 9E-07 |
| Tin | Substance | 7440-31-5 | 0.5965 | 0.001849 |

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2020)9139-DC (19 Jan 2021)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

| Substance Group | Substance Location | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|-----------------|--------------------|-----------------|---------------------|---------------------|
|-----------------|--------------------|-----------------|---------------------|---------------------|

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| Substance Group | Substance Location | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|--|---|-----------------|---------------------|---------------------|
| lead | e-plate Sn (electrodeposited Tin Coatings, bright and matt) | *Note | 500 | Yes |
| nickel powder [particle diameter < 1 mm] | High Copper Alloy (NB109) | *Note | 10,000 | Yes |
| nickel powder [particle diameter < 1 mm] | e-plate Ni (bright) (electrodeposited Nickel bright) | *Note | 998,250 | Yes |
| silver | High Copper Alloy (NB109) | *Note | 500 | Yes |
| copper | High Copper Alloy (NB109) | *Note | 977,000 | Yes |

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

| Part Name | Exemption |
|---|--|
| e-plate Sn (electrodeposited Tin Coatings, bright and matt) | 44 Concentration within acceptable GADSL limits |
| High Copper Alloy (NB109) | 34 Not applicable |
| e-plate Ni (bright) (electrodeposited Nickel bright) | 33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week) |


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

| | | | | | | | |
|---|---|-----------------------------|---------|---------------|-----|------|--|
| Part Number 0194310001 |  | Hazardous Substances | | | | | |
| Part Name MALE PIN STRIP 10-12 AWG MX150L | | | | | | | |
| Part Information | | | | | | | |
| Components | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE | |
| MALE PIN STRIP - AWG MXL | ○ | ○ | ○ | ○ | ○ | ○ | |

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Process Information

| | |
|--------------------------------------|-----|
| Component Plating / Surface Finish | N/A |
| Termination Base Alloy | N/A |
| Solder Alloy | N/A |
| Process Capability | N/A |
| Maximum Exposure Time (seconds) | N/A |
| Maximum Process Temperature (C) | N/A |
| Maximum Cycles at Reflow Temperature | N/A |
| J-STD-020 Moisture Sensitivity Level | N/A |

Mar 24, 2021

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