

# Product Compliance Declaration

Please see [www.molex.com](http://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** 0330012023 **Part Weight** 0.434996G

**Part Name** MX150 RCPT 0.3 GOLD 22AWG B WIND UNSLD

## Product Composition

| Name                                   | Type      | CAS Number | Proportion (% Total) | Mass (Grams) |
|--|-----------|------------|----------------------|--------------|
| MX150 RCPT 0.3 GOLD 22AWG B WIND UNSLD | Component |            | 100                  | 0.434996     |
| HSM Copper Unplated                    | Material  |            | 99.3112              | 0.432        |
| Copper                                 | Substance | 7440-50-8  | 97.3746              | 0.423576     |
| Nickel                                 | Substance | 7440-02-0  | 0.9931               | 0.00432      |
| Tin                                    | Substance | 7440-31-5  | 0.8938               | 0.003888     |
| Phosphorus                             | Substance | 7723-14-0  | 0.0497               | 0.000216     |
| Gold Plating                           | Material  |            | 0.0365               | 0.000159     |
| Cobalt                                 | Substance | 7440-48-4  | 9E-05                | 4E-07        |
| Nickel                                 | Substance | 7440-02-0  | 9E-05                | 4E-07        |
| Gold                                   | Substance | 7440-57-5  | 0.0363               | 0.000158     |
| Tin Plating                            | Material  |            | 0.1236               | 0.000538     |
| Tin                                    | Substance | 7440-31-5  | 0.1236               | 0.000538     |
| Nickel Plating                         | Material  |            | 0.5287               | 0.0023       |

Form Rev - F

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) |
|-----------------------------------|-----------|------------|----------------------|--------------|
| Nickel                            | Substance | 7440-02-0  | 0.5287               | 0.0023       |
| Further Additives, not to declare | Substance | system     | 5E-05                | 2E-07        |

---

## HFLH Declaration Information

**Regulatory Revision** IEC 61249-2-21

### Contained Substances Exceeding Threshold

Not reviewed

---

## 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

Form Rev - F

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.

| Substance Group                          | Substance Location                                   | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|--|--|-----------------|---------------------|---------------------|
| lead                                     |  | *Note           | 500                 | Yes                 |
| nickel powder [particle diameter < 1 mm] | e-plate Au (Hardgold)<br>(electrodeposited Hardgold) | *Note           | 2,500               | Yes                 |
| nickel powder [particle diameter < 1 mm] | High Copper Alloy (NB109)                            | *Note           | 10,000              | Yes                 |
| nickel powder [particle diameter < 1 mm] | Ep-Ni  | *Note           | 997,500             | Yes                 |
| silver                                   | High Copper Alloy (NB109)                            | *Note           | 500                 | Yes                 |
| Cobalt                                   | e-plate Au (Hardgold)<br>(electrodeposited Hardgold) | *Note           | 2,500               | 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   |
|--|---|
|  | 44 Concentration within acceptable GADSL limits   |
| e-plate Au (Hardgold) (electrodeposited Hardgold Coatings) | 34 Not applicable   |
| High Copper Alloy (NB109)                                  | 34 Not applicable   |
| Ep-Ni  | 33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm <sup>2</sup> /week) |

### 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

### Form Rev - F

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.