

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 0503948054 **Part Weight** 0.023G

Part Name 2mm MGrid Crimp Term WtB Chain GF

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|-------------------------------------|-----------|------------|----------------------|--------------|
| 2mm MGrid Crimp Term WtB Chain GF | Assembly | | 100 | 0.023 |
| 2mm MGrid Crimp Term WtB Chain Unpl | Component | | 95.6522 | 0.022 |
| Phosphor Bronze 8% Unplated | Material | | 95.6522 | 0.022 |
| Copper | Substance | 7440-50-8 | 87.8183 | 0.020198 |
| Tin | Substance | 7440-31-5 | 7.6522 | 0.00176 |
| Phosphorus | Substance | 7723-14-0 | 0.1817 | 0.000042 |
| Gold Plating | Material | | 0.0457 | 0.000011 |
| Cobalt | Substance | 7440-48-4 | 0.0001 | 3E-08 |
| Nickel | Substance | 7440-02-0 | 0.0001 | 3E-08 |
| Gold | Substance | 7440-57-5 | 0.0454 | 0.00001 |
| NICKEL CROWN ANODE | Material | | 4.3022 | 0.00099 |
| Nickel | Substance | 7440-02-0 | 4.3022 | 0.00099 |

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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.

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(2021)10043-DC (17 Jan 2022)

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 |
|-----------------|---|-----------------|---------------------|---------------------|
| Lead | Phosphor Bronze, 8% | *Note | 250 | Yes |
| nickel | e-plate Au (Hardgold) (electrodeposited Hardgold | *Note | 2,500 | Yes |
| nickel | Ep-Ni | *Note | 997,500 | Yes |
| Cobalt | e-plate Au (Hardgold) (electrodeposited Hardgold | *Note | 2,500 | Yes |
| Copper | Phosphor Bronze, 8% | *Note | 913,850 | Yes |

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

| Part Name | Exemption |
|---------------------|---|
| Phosphor Bronze, 8% | 44 Concentration within acceptable GADSL limits |

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Exemptions

| Part Name | Exemption |
|--|---|
| e-plate Au (Hardgold) (electrodeposited Hardgold Coatings) | 34 Not applicable |
| Ep-Ni | 33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week) |


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

| Part Number 0503948054 |  | Hazardous Substances | | | | | |
|---|--|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Part Name 2mm MGrid Crimp Term WtB Chain GF | | | | | | | |
| Part Information | | | | | | | |
| Components | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE | |
| 2mm MGrid Crimp Term WtB Chain GF | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| 2mm MGrid Crimp Term WtB Chain Unpl | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |

Additional Information

| | |
|----------------------------------|-----------|
| Annex XVII to REACH (76/769/EEC) | Compliant |
| Regulation (EU) 2019/1021 (POP) | Compliant |

Process Information

| | |
|------------------------------------|----------|
| Component Plating / Surface Finish | AuNi |
| Termination Base Alloy | P-Bronze |
| Solder Alloy | N/A |

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| | |
|--------------------------------------|-----|
| 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 |

Jun 17, 2022

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