

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 1053102308 **Part Weight** 0.764416G

Part Name NANOFIT HDR VT DLR KNK 8CKT 30AU NAT

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|--------------------------------------|-----------|------------|----------------------|--------------|
| NANOFIT HDR VT DLR KNK 8CKT 30AU NAT | Assembly | | 100 | 0.764416 |
| Nano-Fit Hdr HSG V/A 2X4 | Component | | 62.793 | 0.48 |
| LCP GF NATURAL | Material | | 62.793 | 0.48 |
| LCP | Substance | | 42.6993 | 0.3264 |
| GF-Fibre | Substance | | 18.8379 | 0.144 |
| Further Additives, not to declare | Substance | system | 1.2559 | 0.0096 |
| Band TML, Thor 0.76um gold, 10.80 | Assembly | | 37.207 | 0.284416 |
| Band TML, Thor stamp, 10.80 | Component | | 34.5362 | 0.264 |
| Cartridge Brass 70% Unplated | Material | | 34.5362 | 0.264 |
| Copper | Substance | 7440-50-8 | 24.1753 | 0.1848 |
| Zinc (metal) | Substance | 7440-66-6 | 10.3609 | 0.0792 |
| NICKEL CROWN ANODE | Material | | 1.5698 | 0.012 |
| Nickel | Substance | 7440-02-0 | 1.5698 | 0.012 |

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| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|----------------|-----------|------------|----------------------|--------------|
| TIN BALL ANODE | Material | | 0.8896 | 0.0068 |
| Tin | Substance | 7440-31-5 | 0.8896 | 0.0068 |
| Gold Plating | Material | | 0.2114 | 0.001616 |
| Cobalt | Substance | 7440-48-4 | 0.0005 | 0.000004 |
| Nickel | Substance | 7440-02-0 | 0.0005 | 0.000004 |
| Gold | Substance | 7440-57-5 | 0.2103 | 0.001608 |

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)4578-DC (25 June 2020)

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 | Cartridge Brass 70% (CA260) | *Note | 350 | Yes |

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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 | 150 | Yes |
| nickel powder [particle diameter < 1 mm] | e-plate Au (Hardgold) (electrodeposited Hardgold) | *Note | 2,500 | Yes |
| nickel powder [particle diameter < 1 mm] | Ep-Ni | *Note | 997,500 | Yes |
| cobalt | e-plate Au (Hardgold) (electrodeposited Hardgold) | *Note | 2,500 | Yes |
| copper | Cartridge Brass 70% (CA260) | *Note | 700,000 | Yes |
| glass, oxide, chemicals | LCP GF NATURAL | *Note | 300,000 | Yes |

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

Exemptions

| Part Name | Exemption |
|---|---|
| Cartridge Brass 70% (CA260) | 44 Concentration within acceptable GADSL limits |
| e-plate Sn (electrodeposited Tin Coatings, bright and matt) | 44 Concentration within acceptable GADSL limits |
| e-plate Au (Hardgold) (electrodeposited Hardgold Coatings) | 33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week) |
| 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 | 1053102308 |  | Hazardous Substances | | | | |
| Part Name | NANOFIT HDR VT DLR KNK 8CKT 30AU NAT | | | | | | |
| Part Information | | | | | | | |
| Components | | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
| NANOFIT HDR VT DLR KNK 8CKT 30AU NAT | | ○ | ○ | ○ | ○ | ○ | ○ |
| Nano-Fit Hdr HSG V/A 2X4 | | ○ | ○ | ○ | ○ | ○ | ○ |

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| Components | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
|-----------------------------------|------|---------|---------|---------------|-----|------|
| Band TML, Thor 0.76um gold, 10.80 | ○ | ○ | ○ | ○ | ○ | ○ |
| Band TML, Thor stamp, 10.80 | ○ | ○ | ○ | ○ | ○ | ○ |

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 |

Oct 29, 2020

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