

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 5600230448 **Part Weight** 0.049G

Part Name CTX50 RCPT TERM SN L-GRIP D WIND

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|-----------------------------------|-----------|------------|----------------------|--------------|
| CTX50 RCPT TERM SN L-GRIP D WIND | Component | | 100 | 0.049 |
| ST C70350 PL 0.150 X 14.60 | Material | | 100 | 0.049 |
| Copper Plating | Material | | 0.6566 | 0.000322 |
| Copper | Substance | 7440-50-8 | 0.6566 | 0.000322 |
| Nickel Plating | Material | | 0.6566 | 0.000322 |
| Nickel | Substance | 7440-02-0 | 0.6565 | 0.000322 |
| Further Additives, not to declare | Substance | system | 7E-05 | 3E-08 |
| Tin Plating | Material | | 1.0772 | 0.000528 |
| Tin | Substance | 7440-31-5 | 1.0772 | 0.000528 |
| Copper-Nickel-Silicon Unplated | Material | | 97.6096 | 0.047829 |
| Copper | Substance | 7440-50-8 | 93.9492 | 0.046035 |
| Cobalt | Substance | 7440-48-4 | 1.4641 | 0.000717 |
| Nickel | Substance | 7440-02-0 | 1.4641 | 0.000717 |

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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) |
|---------|-----------|------------|----------------------|--------------|
| Silicon | Substance | 7440-21-3 | 0.7321 | 0.000359 |

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 |
|--|---|-----------------|---------------------|---------------------|
| lead | Copper-Nickel | *Note | 250 | Yes |
| lead | e-plate Sn (electrodeposited Tin Coatings, bright and matt) | *Note | 500 | Yes |
| nickel powder [particle diameter < 1 mm] | Copper-Nickel | *Note | 17,500 | Yes |
| nickel powder [particle diameter < 1 mm] | Ep-Ni | *Note | 997,500 | Yes |
| Cobalt | Copper-Nickel | *Note | 15,000 | Yes |
| copper | Copper-Nickel | *Note | 949,050 | Yes |

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| Substance Group | Substance Location | Threshold (PPM) | Concentration (PPM) | Intentionally Added |
|-----------------|---|-----------------|---------------------|---------------------|
| copper | e-plate Cu (electrodeposited Copper Coatings) | *Note | 999,625 | Yes |

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

Exemptions

| Part Name | Exemption |
|---|--|
| Copper-Nickel | 44 Concentration within acceptable GADSL limits |
| e-plate Sn (electrodeposited Tin Coatings, bright and matt) | 44 Concentration within acceptable GADSL limits |
| Copper-Nickel | 34 Not applicable |
| Ep-Ni | 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 5600230448 |  | Hazardous Substances | | | | | |
| Part Name CTX50 RCPT TERM SN L-GRIP D WIND | | | | | | | |
| Part Information | | | | | | | |
| Components | | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
| CTX50 RCPT TERM SN L-GRIP D WIND | | ○ | ○ | ○ | ○ | ○ | ○ |

Process Information

| | |
|------------------------------------|-----|
| Component Plating / Surface Finish | N/A |
| Termination Base Alloy | N/A |
| 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 |

Mar 23, 2021

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