

# 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** 5602050102 **Part Weight** 0.255G

**Part Name** CTX-J100 RECEPTALCE TERMINAL(S)

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CTX-J100 RECEPTALCE TERMINAL(S)	Component		100	0.255
Copper-Nickel-Silicon	Material		100	0.255
Copper-Nickel-Silicon Unplated	Material		98.7162	0.251726
Copper	Substance	7440-50-8	95.7547	0.244175
Tin	Substance	7440-31-5	0.4936	0.001259
Silicon	Substance	7440-21-3	0.4936	0.001259
Zinc (metal)	Substance	7440-66-6	0.4936	0.001259
Nickel	Substance	7440-02-0	1.4807	0.003776
Copper Plating	Material		0.6339	0.001616
Copper	Substance	7440-50-8	0.6339	0.001616
Tin Plating	Material		0.6499	0.001657
Tin	Substance	7440-31-5	0.6499	0.001657

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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.

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## ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

Regulatory Revision D(2021)4569-DC (8 July 2021)

### Contained Substances Exceeding Threshold

None

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## 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 Silicon Alloy (NKC 164)	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Copper Silicon Alloy (NKC 164)	*Note	16,000	Yes
copper	Copper Silicon Alloy (NKC 164)	*Note	965,750	Yes
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/>

Part Name	Exemption
Copper Silicon Alloy (NKC 164)	44 Concentration within acceptable GADSL limits

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## Exemptions

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Copper Silicon Alloy (NKC 164)	34 Not applicable

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## HFLH Declaration Information

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

## Contained Substances Exceeding Threshold

None

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## Additional Information

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

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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

Jan 3, 2022

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