

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 5602050101 **Part Weight** 0.268G

Part Name CTX-J100 RECEPTACLE TERMINAL(L)

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CTX-J100 RECEPTACLE TERMINAL(L)	Component		100	0.268
Copper-Nickel-Silicon	Material		100	0.268
Copper-Nickel-Silicon Unplated	Material		98.7162	0.264559
Copper	Substance	7440-50-8	95.7547	0.256623
Tin	Substance	7440-31-5	0.4936	0.001323
Silicon	Substance	7440-21-3	0.4936	0.001323
Zinc (metal)	Substance	7440-66-6	0.4936	0.001323
Nickel	Substance	7440-02-0	1.4807	0.003968
Copper Plating	Material		0.6339	0.001699
Copper	Substance	7440-50-8	0.6339	0.001699
Tin Plating	Material		0.6499	0.001742
Tin	Substance	7440-31-5	0.6499	0.001742

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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)4569-DC (8 July 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 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

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

Additional Information

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

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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