

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 0330113002 **Part Weight** 0.361012G

Part Name MX150 BLD TERM SIL 16-20AWG D WIND

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX150 BLD TERM SIL 16-20AWG D WIND	Assembly		100	0.361012
MX150 BLD TERM UNPLT 16-20AWG B WIND	Component		97.5038	0.352
HSM Copper Unplated	Material		97.5038	0.352
Copper	Substance	7440-50-8	95.6025	0.345136
Nickel	Substance	7440-02-0	0.975	0.00352
Tin	Substance	7440-31-5	0.8775	0.003168
Phosphorus	Substance	7723-14-0	0.0488	0.000176
Nickel Plating	Material		1.3296	0.0048
Nickel	Substance	7440-02-0	1.3295	0.0048
Further Additives, not to declare	Substance	system	0.0001	5E-07
Tin Plating	Material		0.8033	0.0029
Tin	Substance	7440-31-5	0.8033	0.0029
Silver Plating	Material		0.3601	0.0013

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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)
Silver	Substance	7440-22-4	0.3601	0.0013
Preservative Surface Finish	Material		0.0032	0.000012
Octadecane-1-thiol	Substance	2885-00-9	0.0021	0.000007
Hexadecane-1-thiol	Substance	2917-26-2	0.0011	0.000004

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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	High Copper Alloy (NB109)	*Note	10,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
silver	e-plate Ag (electrodeposited Silver Coatings)	*Note	999,000	Yes
silver	High Copper Alloy (NB109)	*Note	500	Yes
copper	High Copper Alloy (NB109)	*Note	977,000	Yes

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

Exemptions

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
High Copper Alloy (NB109)	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 0330113002		Hazardous Substances					
Part Name MX150 BLD TERM SIL 16-20AWG D WIND							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX150 BLD TERM SIL 16-20AWG D WIND		○	○	○	○	○	○
MX150 BLD TERM UNPLT 16-20AWG B WIND		○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	N/A
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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

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