

# Product Compliance Declaration

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## Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

## Part Information

**Part Number** 0340813004 **Part Weight** 0.367G

**Part Name** MX150 RCPT 0.3 CABLE GOLD 18/20AWG DWIND

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX150 RCPT 0.3 CABLE GOLD 18/20AWG DWIND	Assembly		100	0.367
MX150 RCPT 0.3 CABLE GOLD 18/20AWG BWIND	Assembly		100	0.367
MX150 RCPT 0.3 CABLE PREBLANK GOLD DWIND	Assembly		100	0.367
MX150 RCPT 0.3 CABLE PREBLANK WOP B WIND	Component		96.1853	0.353
HSM Copper Unplated	Material		96.1853	0.353
Copper	Substance	7440-50-8	94.3097	0.346116
Nickel	Substance	7440-02-0	0.9619	0.00353
Tin	Substance	7440-31-5	0.8657	0.003177
Phosphorus	Substance	7723-14-0	0.0481	0.000177
Gold Plating	Material		0.3815	0.0014
Cobalt	Substance	7440-48-4	0.001	0.000003
Nickel	Substance	7440-02-0	0.001	0.000003
Gold	Substance	7440-57-5	0.3796	0.001393

Form Rev - F

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)
Tin Plating	Material		1.9074	0.007
Tin	Substance	7440-31-5	1.9074	0.007
Nickel Plating	Material		1.5259	0.0056
Nickel	Substance	7440-02-0	1.5257	0.005599
Further Additives, not to declare	Substance	system	0.0002	6E-07

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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(2020)9139-DC (19 Jan 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		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes

Form Rev - F

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
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
silver	High Copper Alloy (NB109)	*Note	500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	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
	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
High Copper Alloy (NB109)	34 Not applicable
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm <sup>2</sup> /week)


### HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

None

### China ROHS Declaration Information

Part Number 0340813004		<b>Hazardous Substances</b>					
Part Name MX150 RCPT 0.3 CABLE GOLD 18/20AWG DWIND							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MX150 RCPT 0.3 CABLE GOLD 18/20AWG DWIND	○	○	○	○	○	○	
MX150 RCPT 0.3 CABLE GOLD 18/20AWG BWIND	○	○	○	○	○	○	
MX150 RCPT 0.3 CABLE PREBLANK GOLD DWIND	○	○	○	○	○	○	

Form Rev - F

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX150 RCPT 0.3 CABLE PREBLANK WOP B WIND	0	0	0	0	0	0

## 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

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Form Rev - F

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