

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 1722490100 **Part Weight** 0.109G

Part Name SolderRight Terminal 14-16 Awg Tin

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SolderRight Terminal 14-16 Awg Tin	Assembly		100	0.109
SolderRight Terminal 14-16 Awg UnPlt	Component		96.3303	0.105
Tin Brass Unplated	Material		96.3303	0.105
Copper	Substance	7440-50-8	85.2523	0.092925
Tin	Substance	7440-31-5	2.1674	0.002363
Iron	Substance	7439-89-6	0.0241	0.000026
Lead	Substance	7439-92-1	0.0241	0.000026
Phosphorus	Substance	7723-14-0	0.1686	0.000184
Zinc (metal)	Substance	7440-66-6	8.6938	0.009476
Tin Plating	Material		1.8349	0.002
Tin	Substance	7440-31-5	1.8349	0.002
Nickel Plating	Material		1.8349	0.002
Nickel	Substance	7440-02-0	1.8347	0.002

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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)
Further Additives, not to declare	Substance	system	0.0002	2E-07

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	Tin Brass	*Note	250	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Tin Brass	*Note	885,000	Yes

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

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Exemptions

Part Name	Exemption
Tin Brass	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
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 1722490100		Hazardous Substances					
Part Name SolderRight Terminal 14-16 Awg Tin							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SolderRight Terminal 14-16 Awg Tin		○	○	○	○	○	○
SolderRight Terminal 14-16 Awg UnPlt		○	○	○	○	○	○

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

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J-STD-020 Moisture Sensitivity Level	N/A
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Mar 25, 2021

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