

# 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** 0015912045 **Part Weight** 1.087G

**Part Name** SL RA Hdr Asy SMT 04 Ckt 15 Gold Tube

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL RA Hdr Asy SMT 04 Ckt 15 Gold Tube	Assembly		100	1.087
SL RA Hdr Asy TH Peg 04 Ckt 15 Gold Tube	Assembly		100	1.087
SL RtAn Header Opt E 04 Ckt	Component		72.7691	0.791
PCT GF BLACK	Material		72.7691	0.791
PCT	Substance		31.7273	0.344876
GF-Fibre	Substance		22.5584	0.24521
Flame Retardant, ISO 1043-4 FR(17)	Substance		10.1877	0.11074
Sodium-antimonate	Substance	15432-85-6	2.5469	0.027685
Carbon black	Substance	1333-86-4	0.2183	0.002373
Further Additives, not to declare	Substance	system	5.5305	0.060116
571PLT 025 SQ PIN	Assembly		27.2309	0.296
025 Square Pin WStar 100 Ctr Unplated	Component		26.8629	0.292
Phosphor Bronze 5% Unplated	Material		26.8629	0.292

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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)
Copper	Substance	7440-50-8	25.4795	0.276962
Tin	Substance	7440-31-5	1.3431	0.0146
Phosphorus	Substance	7723-14-0	0.0403	0.000438
Gold Plating	Material		0.0408	0.000444
Cobalt	Substance	7440-48-4	0.0001	0.000001
Nickel	Substance	7440-02-0	0.0001	0.000001
Gold	Substance	7440-57-5	0.0406	0.000442
Nickel Plating	Material		0.2489	0.002705
Nickel	Substance	7440-02-0	0.2488	0.002705
Further Additives, not to declare	Substance	system	2E-05	3E-07
Tin Plating	Material		0.0783	0.000851
Tin	Substance	7440-31-5	0.0783	0.000851

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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(2022)4187-DC (10 June 2022)

### 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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Lead	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	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
Phosphor Bronze 5% A (CA510)	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	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

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PCT GF BLACK	900	140,000	Yes
Bromine and Chlorine combined	PCT GF BLACK	1,500	140,000	Yes

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## China ROHS Declaration Information

Part Number	0015912045		<b>Hazardous Substances</b>				
Part Name	SL RA Hdr Asy SMT 04 Ckt 15 Gold Tube						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL RA Hdr Asy SMT 04 Ckt 15 Gold Tube		○	○	○	○	○	○
SL RA Hdr Asy TH Peg 04 Ckt 15 Gold Tube		○	○	○	○	○	○
SL RtAn Header Opt E 04 Ckt		○	○	○	○	○	○
571PLT 025 SQ PIN		○	○	○	○	○	○
025 Square Pin WStar 100 Ctr Unplated		○	○	○	○	○	○

## 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	REFLOW
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

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