

# 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** 0016020102 **Part Weight** 0.075G

**Part Name** SL Term Crp F Box Tin 22-24 Loose

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL Term Crp F Box Tin 22-24 Loose	Assembly		100	0.075
SL Fem Crimp Term 22-24 Tin Reel x	Assembly		100	0.075
SL Fem Crimp Term 22-24 Blanked Tin Imp	Assembly		100	0.075
SL Fem Crimp Term 22-24 Blanked 999 Imp	Component		94.6667	0.071
Phosphor Bronze 5% Unplated	Material		94.6667	0.071
Copper	Substance	7440-50-8	89.7913	0.067343
Tin	Substance	7440-31-5	4.7333	0.00355
Phosphorus	Substance	7723-14-0	0.142	0.000106
Nickel Plating	Material		2.2667	0.0017
Nickel	Substance	7440-02-0	2.2664	0.0017
Further Additives, not to declare	Substance	system	0.0002	2E-07
Tin Plating	Material		3.0667	0.0023
Tin	Substance	7440-31-5	3.0667	0.0023

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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.

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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	Ep-Ni	*Note	997,500	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/>

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits

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## Exemptions

Part Name	Exemption
Phosphor Bronze 5% A (CA510)	44 Concentration within acceptable GADSL limits
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 0016020102		<b>Hazardous Substances</b>					
Part Name SL Term Crp F Box Tin 22-24 Loose							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
SL Term Crp F Box Tin 22-24 Loose	○	○	○	○	○	○	
SL Fem Crimp Term 22-24 Tin Reel x	○	○	○	○	○	○	
SL Fem Crimp Term 22-24 Blanked Tin Imp	○	○	○	○	○	○	
SL Fem Crimp Term 22-24 Blanked 999 Imp	○	○	○	○	○	○	

## Additional Information

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

## 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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