

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 0016021115 **Part Weight** 0.065438G

Part Name SL Term Crp HiFrc F 30 SAu 22-24 Loose

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL Term Crp HiFrc F 30 SAu 22-24 Loose	Assembly		100	0.065438
SL Term Crp HiFrc F 30 SAu 22-24 Reel	Assembly		100	0.065438
SL Term Fem HFrc Crp	Assembly		100	0.065438
SL Term Fem HFrc Crp	Component		94.7465	0.062
Phosphor Bronze 5% Unplated	Material		94.7465	0.062
Copper	Substance	7440-50-8	89.867	0.058807
Tin	Substance	7440-31-5	4.7373	0.0031
Phosphorus	Substance	7723-14-0	0.1421	0.000093
Gold Plating	Material		0.2106	0.000138
Cobalt	Substance	7440-48-4	0.0005	3E-7
Nickel	Substance	7440-02-0	0.0005	3E-7
Gold	Substance	7440-57-5	0.2095	0.000137
Nickel Plating	Material		2.9035	0.0019

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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)
Nickel	Substance	7440-02-0	2.9032	0.0019
Further Additives	Substance	system	0.0003	2E-7
Tin Plating	Material		2.1394	0.0014
Tin	Substance	7440-31-5	2.1394	0.0014

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/30/2017 (7 July 2017)

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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
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
Phosphor Bronze 5% A (CA510)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	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/cm2/week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0016021115		Hazardous Substances					
Part Name SL Term Crp HiFrc F 30 SAu 22-24 Loose							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
SL Term Crp HiFrc F 30 SAu 22-24 Loose	○	○	○	○	○	○	
SL Term Crp HiFrc F 30 SAu 22-24 Reel	○	○	○	○	○	○	
SL Term Fem HFrc Crp	○	○	○	○	○	○	
SL Term Fem HFrc Crp	○	○	○	○	○	○	

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Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	P-Bronze
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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