

## 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** 0015474077 **Part Weight** 1.102337G

**Part Name** "SL FFC/FPC Opt G Female 30""SAu 7Ckt"

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
"SL FFC/FPC Opt G Female 30""SAu 7Ckt"	Assembly		100	1.102337
SL FFC Housing 7Ckt Opt G	Component		58.6935	0.647
PBT+PC GF BLACK	Material		58.6935	0.647
PC+PBT	Substance		30.5716	0.337002
GF-Fibre	Substance		19.3944	0.213791
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.41	0.059637
Antimonytrioxide	Substance	1309-64-4	1.8884	0.020817
Pigment portion, not to declare	Substance	system	0.7145	0.007877
Further Additives, not to declare	Substance	system	0.7145	0.007877
FORMED FFC TERMINAL 30"SAu 403911213	Assembly		41.3065	0.455337
100 KK Crp Term 30"SAu	Assembly		41.3065	0.455337
.100 SL FFC Term Unplated	Component		39.3709	0.434
Phosphor Bronze 5% Unplated	Material		39.3709	0.434

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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	37.3433	0.411649
Tin	Substance	7440-31-5	1.9685	0.0217
Phosphorus	Substance	7723-14-0	0.0591	0.000651
Gold Plating	Material		0.1437	0.001584
Cobalt	Substance	7440-48-4	0.0004	0.000004
Nickel	Substance	7440-02-0	0.0004	0.000004
Gold	Substance	7440-57-5	0.143	0.001576
Nickel Plating	Material		1.2065	0.0133
Nickel	Substance	7440-02-0	1.2064	0.013299
Further Additives, not to declare	Substance	system	0.0001	0.000001
Tin Plating	Material		0.5854	0.006453
Tin	Substance	7440-31-5	0.5854	0.006453

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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)4578-DC (25 June 2020)

### 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
lead	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Antimonytrioxide	PBT+PC GF BLACK	*Note	40,000	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	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
glass, oxide, chemicals	PBT+PC GF BLACK	*Note	350,000	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
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)

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## 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	PBT+PC GF BLACK	900	100,000	Yes
Bromine and Chlorine combined	PBT+PC GF BLACK	1,500	100,000	Yes

## China ROHS Declaration Information

Part Number 0015474077		<b>Hazardous Substances</b>				
Part Name "SL FFC/FPC Opt G Female 30"SAu 7Ckt"						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
"SL FFC/FPC Opt G Female 30"SAu 7Ckt"	○	○	○	○	○	○
SL FFC Housing 7Ckt Opt G	○	○	○	○	○	○
FORMED FFC TERMINAL 30"SAu 403911213	○	○	○	○	○	○
100 KK Crp Term 30"SAu	○	○	○	○	○	○
.100 SL FFC Term Unplated	○	○	○	○	○	○

## 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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Jan 13, 2021

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