

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 0015474103 **Part Weight** 1.521136G

Part Name SL FFC/FPC Opt G Female 15"SAu 10Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL FFC/FPC Opt G Female 15"SAu 10Ckt	Assembly		100	1.521136
SL FFC Housing 10Ckt	Component		57.2598	0.871
PBT+PC GF BLACK	Material		57.2598	0.871
PC+PBT	Substance		29.8249	0.453677
GF-Fibre	Substance		18.9207	0.287809
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.2779	0.080284
Antimonytrioxide	Substance	1309-64-4	1.8423	0.028024
Pigment portion, not to declare	Substance	system	0.6971	0.010604
Further Additives, not to declare	Substance	system	0.6971	0.010604
FORMED FFC TERMINAL 15"SAu 403911212	Assembly		42.7402	0.650136
100 KK Crp Term 571 plate	Assembly		42.7402	0.650136
.100 SL FFC Term Unplated	Component		40.759	0.62
Phosphor Bronze 5% Unplated	Material		40.759	0.62

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper	Substance	7440-50-8	38.6599	0.58807
Tin	Substance	7440-31-5	2.038	0.031
Phosphorus	Substance	7723-14-0	0.0611	0.00093
Gold Plating	Material		0.1148	0.001747
Cobalt	Substance	7440-48-4	0.0003	0.000004
Nickel	Substance	7440-02-0	0.0003	0.000004
Gold	Substance	7440-57-5	0.1143	0.001738
Nickel Plating	Material		1.2491	0.019
Nickel	Substance	7440-02-0	1.2489	0.018998
Further Additives, not to declare	Substance	system	0.0001	0.000002
Tin Plating	Material		0.6172	0.009389
Tin	Substance	7440-31-5	0.6172	0.009389

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

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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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	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
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/cm ² /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 0015474103		Hazardous Substances				
Part Name SL FFC/FPC Opt G Female 15"SAu 10Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL FFC/FPC Opt G Female 15"SAu 10Ckt	○	○	○	○	○	○
SL FFC Housing 10Ckt	○	○	○	○	○	○
FORMED FFC TERMINAL 15"SAu 403911212	○	○	○	○	○	○
100 KK Crp Term 571 plate	○	○	○	○	○	○
.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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Mar 24, 2021

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