

# 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** 0015474083 **Part Weight** 1.242109G

**Part Name** CGrid SL FFC FPC Opt G F SR 15Au 8Ckt

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SL FFC FPC Opt G F SR 15Au 8Ckt	Assembly		100	1.242109
FORMED FFC TERMINAL 15"SAu 403911212	Assembly		41.873	0.520109
100 KK Crp Term 571 plate	Assembly		41.873	0.520109
.100 SL FFC Term Unplated	Component		39.9321	0.496
Phosphor Bronze 5% Unplated	Material		39.9321	0.496
Copper	Substance	7440-50-8	37.8756	0.470456
Tin	Substance	7440-31-5	1.9966	0.0248
Phosphorus	Substance	7723-14-0	0.0599	0.000744
Gold Plating	Material		0.1125	0.001398
Cobalt	Substance	7440-48-4	0.0003	0.000003
Nickel	Substance	7440-02-0	0.0003	0.000003
Gold	Substance	7440-57-5	0.112	0.001391
Nickel Plating	Material		1.2237	0.0152

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.2236	0.015198
Further Additives, not to declare	Substance	system	0.0001	0.000002
Tin Plating	Material		0.6047	0.007511
Tin	Substance	7440-31-5	0.6047	0.007511
SL FFC Housing 8Ckt Opt G	Component		58.127	0.722
PBT+PC GF BLACK	Material		58.127	0.722
PC+PBT	Substance		30.2765	0.376067
GF-Fibre	Substance		19.2072	0.238574
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.3578	0.06655
Antimonytrioxide	Substance	1309-64-4	1.8702	0.02323
Pigment portion, not to declare	Substance	system	0.7076	0.00879
Further Additives, not to declare	Substance	system	0.7076	0.00879

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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 0015474083		<b>Hazardous Substances</b>				
Part Name CGrid SL FFC FPC Opt G F SR 15Au 8Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL FFC FPC Opt G F SR 15Au 8Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FORMED FFC TERMINAL 15"SAu 403911212	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
100 KK Crp Term 571 plate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
.100 SL FFC Term Unplated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SL FFC Housing 8Ckt Opt G	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 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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