

# 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** 0014562094 **Part Weight** 1.522827G

**Part Name** CGrid SL IDT Opt G 15"SAu 9Ckt

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SL IDT Opt G 15"SAu 9Ckt	Assembly		100	1.522827
SL Female IDT Term 15"SAu Formed	Assembly		48.4511	0.737827
SL Female IDT Term 15"SAu	Assembly		48.4511	0.737827
SL Term Blanked	Component		45.5075	0.693
Phosphor Bronze 5% Unplated	Material		45.5075	0.693
Copper	Substance	7440-50-8	43.1638	0.65731
Tin	Substance	7440-31-5	2.2754	0.03465
Phosphorus	Substance	7723-14-0	0.0683	0.001039
Gold Plating	Material		0.0478	0.000727
Cobalt	Substance	7440-48-4	0.0001	0.000002
Nickel	Substance	7440-02-0	0.0001	0.000002
Gold	Substance	7440-57-5	0.0475	0.000724
Nickel Plating	Material		1.4184	0.0216

Form Rev - F

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.4183	0.021598
Further Additives, not to declare	Substance	system	0.0001	0.000002
Tin Plating	Material		1.4775	0.0225
Tin	Substance	7440-31-5	1.4775	0.0225
SL Crp Hsg G SR Pos Ltch 9Ckt Opt G	Component		51.5489	0.785
PBT+PC GF BLACK	Material		51.5489	0.785
PC+PBT	Substance		26.8502	0.408882
GF-Fibre	Substance		17.0335	0.259391
Flame Retardant, ISO 1043-4 FR(17)	Substance		4.7515	0.072357
Antimonytrioxide	Substance	1309-64-4	1.6585	0.025257
Pigment portion, not to declare	Substance	system	0.6276	0.009557
Further Additives, not to declare	Substance	system	0.6276	0.009557

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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)9139-DC (19 Jan 2021)

### Contained Substances Exceeding Threshold

None

Form Rev - F

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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)

Form Rev - F

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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 0014562094		<b>Hazardous Substances</b>				
Part Name CGrid SL IDT Opt G 15"SAu 9Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL IDT Opt G 15"SAu 9Ckt	○	○	○	○	○	○
SL Female IDT Term 15"SAu Formed	○	○	○	○	○	○
SL Female IDT Term 15"SAu	○	○	○	○	○	○
SL Term Blanked	○	○	○	○	○	○
SL Crp Hsg G SR Pos Ltch 9Ckt Opt G	○	○	○	○	○	○

### 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

Form Rev - F

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Mar 24, 2021

Form Rev - F

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