

# 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** 0014562042 **Part Weight** 0.763844G

**Part Name** "CGrid SL IDT Opt G 15""SAu 4Ckt"

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
"CGrid SL IDT Opt G 15""SAu 4Ckt"	Assembly		100	0.763844
SL Female IDT Term 15"SAu Formed	Assembly		42.9203	0.327844
SL Female IDT Term 15"SAu	Assembly		42.9203	0.327844
SL Term Blanked	Component		40.3224	0.308
Phosphor Bronze 5% Unplated	Material		40.3224	0.308
Copper	Substance	7440-50-8	38.2458	0.292138
Tin	Substance	7440-31-5	2.0161	0.0154
Phosphorus	Substance	7723-14-0	0.0605	0.000462
Gold Plating	Material		0.0319	0.000244
Cobalt	Substance	7440-48-4	8E-05	6E-07
Nickel	Substance	7440-02-0	8E-05	6E-07
Gold	Substance	7440-57-5	0.0317	0.000242
Nickel Plating	Material		1.2568	0.0096

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.2567	0.009599
Further Additives, not to declare	Substance	system	0.0001	1E-06
Tin Plating	Material		1.3092	0.01
Tin	Substance	7440-31-5	1.3092	0.01
SL Crp Hsg G SR Pos Ltch 4Ckt	Component		57.0797	0.436
PBT+PC GF BLACK	Material		57.0797	0.436
PC+PBT	Substance		29.7311	0.227099
GF-Fibre	Substance		18.8611	0.14407
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.2613	0.040188
Antimonytrioxide	Substance	1309-64-4	1.8365	0.014028
Pigment portion, not to declare	Substance	system	0.6949	0.005308
Further Additives, not to declare	Substance	system	0.6949	0.005308

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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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	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 0014562042		<b>Hazardous Substances</b>				
Part Name "CGrid SL IDT Opt G 15""SAu 4Ckt"						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
"CGrid SL IDT Opt G 15""SAu 4Ckt"	○	○	○	○	○	○
SL Female IDT Term 15"SAu Formed	○	○	○	○	○	○
SL Female IDT Term 15"SAu	○	○	○	○	○	○
SL Term Blanked	○	○	○	○	○	○
SL Crp Hsg G SR Pos Ltch 4Ckt	○	○	○	○	○	○

### 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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Jan 8, 2021

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