

## 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** 0014562062 **Part Weight** 1.100765G

**Part Name** CGrid SL IDT Opt G 15"SAu 6Ckt

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SL IDT Opt G 15"SAu 6Ckt	Assembly		100	1.100765
SL Female IDT Term 15"SAu Formed	Assembly		44.6749	0.491765
SL Female IDT Term 15"SAu	Assembly		44.6749	0.491765
SL Term Blanked	Component		41.9708	0.462
Phosphor Bronze 5% Unplated	Material		41.9708	0.462
Copper	Substance	7440-50-8	39.8093	0.438207
Tin	Substance	7440-31-5	2.0985	0.0231
Phosphorus	Substance	7723-14-0	0.063	0.000693
Gold Plating	Material		0.0332	0.000365
Cobalt	Substance	7440-48-4	8E-05	9E-07
Nickel	Substance	7440-02-0	8E-05	9E-07
Gold	Substance	7440-57-5	0.033	0.000364
Nickel Plating	Material		1.3082	0.0144

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.308	0.014399
Further Additives, not to declare	Substance	system	0.0001	0.000001
Tin Plating	Material		1.3627	0.015
Tin	Substance	7440-31-5	1.3627	0.015
SL Crp Hsg G SR Pos Ltch 6Ckt	Component		55.3251	0.609
PBT+PC GF BLACK	Material		55.3251	0.609
PC+PBT	Substance		28.8172	0.317209
GF-Fibre	Substance		18.2814	0.201235
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.0995	0.056134
Antimonytrioxide	Substance	1309-64-4	1.78	0.019594
Pigment portion, not to declare	Substance	system	0.6735	0.007414
Further Additives, not to declare	Substance	system	0.6735	0.007414

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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 0014562062		<b>Hazardous Substances</b>				
Part Name CGrid SL IDT Opt G 15"SAu 6Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL IDT Opt G 15"SAu 6Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SL Female IDT Term 15"SAu Formed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SL Female IDT Term 15"SAu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SL Term Blanked	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SL Crp Hsg G SR Pos Ltch 6Ckt	<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	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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