

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 0014562022 **Part Weight** 0.363922G

Part Name CGrid SL IDT Opt G 15"SAu 2Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SL IDT Opt G 15"SAu 2Ckt	Assembly		100	0.363922
SL Female IDT Term 15"SAu Formed	Assembly		45.0431	0.163922
SL Female IDT Term 15"SAu	Assembly		45.0431	0.163922
SL Term Blanked	Component		42.3168	0.154
Phosphor Bronze 5% Unplated	Material		42.3168	0.154
Copper	Substance	7440-50-8	40.1375	0.146069
Tin	Substance	7440-31-5	2.1158	0.0077
Phosphorus	Substance	7723-14-0	0.0635	0.000231
Gold Plating	Material		0.0335	0.000122
Cobalt	Substance	7440-48-4	8E-05	3E-07
Nickel	Substance	7440-02-0	8E-05	3E-07
Gold	Substance	7440-57-5	0.0333	0.000121
Nickel Plating	Material		1.319	0.0048

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.3188	0.0048
Further Additives, not to declare	Substance	system	0.0001	5E-07
Tin Plating	Material		1.3739	0.005
Tin	Substance	7440-31-5	1.3739	0.005
SL Crp Hsg G SR Pos Ltch 2 ckt Opt G	Component		54.9569	0.2
PBT+PC GF BLACK	Material		54.9569	0.2
PC+PBT	Substance		28.6253	0.104174
GF-Fibre	Substance		18.1597	0.066087
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.0656	0.018435
Antimonytrioxide	Substance	1309-64-4	1.7682	0.006435
Pigment portion, not to declare	Substance	system	0.669	0.002435
Further Additives, not to declare	Substance	system	0.669	0.002435

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		*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 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 0014562022		Hazardous Substances				
Part Name CGrid SL IDT Opt G 15"SAu 2Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL IDT Opt G 15"SAu 2Ckt	○	○	○	○	○	○
SL Female IDT Term 15"SAu Formed	○	○	○	○	○	○
SL Female IDT Term 15"SAu	○	○	○	○	○	○
SL Term Blanked	○	○	○	○	○	○
SL Crp Hsg G SR Pos Ltch 2 ckt 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

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Mar 24, 2021

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