

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 0014562054 **Part Weight** 0.929904G

Part Name CGrid SL IDT Opt G 15"SAu 5Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SL IDT Opt G 15"SAu 5Ckt	Assembly		100	0.929904
SL Female IDT Term 15"SAu Formed	Assembly		44.0802	0.409904
SL Female IDT Term 15"SAu	Assembly		44.0802	0.409904
SL Term Blanked	Component		41.4021	0.385
Phosphor Bronze 5% Unplated	Material		41.4021	0.385
Copper	Substance	7440-50-8	39.2699	0.365172
Tin	Substance	7440-31-5	2.0701	0.01925
Phosphorus	Substance	7723-14-0	0.0621	0.000577
Gold Plating	Material		0.0434	0.000404
Cobalt	Substance	7440-48-4	0.0001	0.000001
Nickel	Substance	7440-02-0	0.0001	0.000001
Gold	Substance	7440-57-5	0.0432	0.000402
Nickel Plating	Material		1.2905	0.012

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.2903	0.011999
Further Additives, not to declare	Substance	system	0.0001	0.000001
Tin Plating	Material		1.3442	0.0125
Tin	Substance	7440-31-5	1.3442	0.0125
SL Crp Hsg G SR Pos Ltch 5Ckt Opt G	Component		55.9198	0.52
PBT+PC GF BLACK	Material		55.9198	0.52
PC+PBT	Substance		29.1269	0.270852
GF-Fibre	Substance		18.4778	0.171826
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.1543	0.04793
Antimonytrioxide	Substance	1309-64-4	1.7992	0.01673
Pigment portion, not to declare	Substance	system	0.6808	0.00633
Further Additives, not to declare	Substance	system	0.6808	0.00633

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 0014562054		Hazardous Substances				
Part Name CGrid SL IDT Opt G 15"SAu 5Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL IDT Opt G 15"SAu 5Ckt	○	○	○	○	○	○
SL Female IDT Term 15"SAu Formed	○	○	○	○	○	○
SL Female IDT Term 15"SAu	○	○	○	○	○	○
SL Term Blanked	○	○	○	○	○	○
SL Crp Hsg G SR Pos Ltch 5Ckt Opt G	○	○	○	○	○	○

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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Mar 24, 2021

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