

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 0014567067 **Part Weight** 1.09187G

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	1.09187
SL Female IDT Term 15"SAu Formed	Assembly		45.0484	0.49187
SL Female IDT Terminal Blanked	Assembly		45.0484	0.49187
SL Term	Component		42.3127	0.462
Phosphor Bronze 5% Unplated	Material		42.3127	0.462
Copper	Substance	7440-50-8	40.1336	0.438207
Tin	Substance	7440-31-5	2.1156	0.0231
Phosphorus	Substance	7723-14-0	0.0635	0.000693
Gold Plating	Material		0.0431	0.00047
Cobalt	Substance	7440-48-4	0.0001	0.000001
Nickel	Substance	7440-02-0	0.0001	0.000001
Gold	Substance	7440-57-5	0.0429	0.000468
Nickel Plating	Material		1.154	0.0126

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.1539	0.012599
Further Additives, not to declare	Substance	system	0.0001	0.000001
Tin Plating	Material		1.5386	0.0168
Tin	Substance	7440-31-5	1.5386	0.0168
SL Crp Hsg G SR Pos Ltch 6Ckt Opt G	Component		54.9516	0.6
PBT+PC GF BLACK	Material		54.9516	0.6
PC+PBT	Substance		28.6226	0.312521
GF-Fibre	Substance		18.1579	0.198261
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.0651	0.055304
Antimonytrioxide	Substance	1309-64-4	1.768	0.019304
Pigment portion, not to declare	Substance	system	0.669	0.007304
Further Additives, not to declare	Substance	system	0.669	0.007304

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(2021)4569-DC (8 July 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
copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Antimonytrioxide	PBT+PC GF BLACK	*Note	40,000	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Lead	Phosphor Bronze 5% A (CA510)	*Note	250	Yes

*Note: For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
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

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

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China ROHS Declaration Information

Part Number 0014567067		Hazardous Substances				
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	○	○	○	○	○	○
SL Female IDT Term 15"SAu Formed	○	○	○	○	○	○
SL Female IDT Terminal Blanked	○	○	○	○	○	○
SL Term	○	○	○	○	○	○
SL Crp Hsg G SR Pos Ltch 6Ckt Opt G	○	○	○	○	○	○

Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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

Dec 30, 2021

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