

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 0014562032 **Part Weight** 0.590883G

Part Name "CGrid SL IDT Opt G 15""SAu 3Ckt"

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
"CGrid SL IDT Opt G 15""SAu 3Ckt"	Assembly		100	0.590883
SL Female IDT Term 15"SAu Formed	Assembly		41.6128	0.245883
SL Female IDT Term 15"SAu	Assembly		41.6128	0.245883
SL Term Blanked	Component		39.0941	0.231
Phosphor Bronze 5% Unplated	Material		39.0941	0.231
Copper	Substance	7440-50-8	37.0807	0.219103
Tin	Substance	7440-31-5	1.9547	0.01155
Phosphorus	Substance	7723-14-0	0.0586	0.000346
Gold Plating	Material		0.0309	0.000183
Cobalt	Substance	7440-48-4	8E-05	5E-07
Nickel	Substance	7440-02-0	8E-05	5E-07
Gold	Substance	7440-57-5	0.0308	0.000182
Nickel Plating	Material		1.2185	0.0072

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	1.2184	0.007199
Further Additives, not to declare	Substance	system	0.0001	7E-07
Tin Plating	Material		1.2693	0.0075
Tin	Substance	7440-31-5	1.2693	0.0075
SL Crp Hsg G SR Pos Ltch 3Ckt	Component		58.3872	0.345
PBT+PC GF BLACK	Material		58.3872	0.345
PC+PBT	Substance		30.4121	0.1797
GF-Fibre	Substance		19.2932	0.114
Flame Retardant, ISO 1043-4 FR(17)	Substance		5.3818	0.0318
Antimonytrioxide	Substance	1309-64-4	1.8786	0.0111
Pigment portion, not to declare	Substance	system	0.7108	0.0042
Further Additives, not to declare	Substance	system	0.7108	0.0042

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)4578-DC (25 June 2020)

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	SL Term Blanked	1,000	2,000	Impurity

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Terphenyl, hydrogenated	SL Term Blanked	1,000	2,000	Impurity
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	SL Term Blanked	1,000	2,000	Impurity
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	SL Term Blanked	1,000	2,000	Impurity
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	SL Term Blanked	1,000	2,000	Impurity
sodium peroxometaborate	SL Term Blanked	1,000	2,000	Impurity
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	SL Term Blanked	1,000	1,000.0000001	Impurity
2-benzotriazol-2-yl-4,6-di-tert-butylphenol	SL Term Blanked	1,000	1,000.0000001	Impurity
Ammonium-pentadecafluorooctanoate	SL Term Blanked	1,000	2,000	Impurity
disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-	SL Term Blanked	1,000	2,000	Impurity
1,3-propanesultone	SL Term Blanked	1,000	2,000	Impurity
1-vinylimidazole	SL Term Blanked	1,000	2,000	Impurity
1,2-diethoxyethane	SL Term Blanked	1,000	2,000	Impurity
disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-	SL Term Blanked	1,000	2,000	Impurity
dodecamethylcyclohexasiloxane	SL Term Blanked	1,000	2,000	Impurity
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	SL Term Blanked	1,000	2,000	Impurity
Dipentyl phthalate	SL Term Blanked	1,000	2,000	Impurity
furan	SL Term Blanked	1,000	2,000	Impurity
4-o-tolylazo-o-toluidine	SL Term Blanked	1,000	2,000	Impurity
ethylene thiourea	SL Term Blanked	1,000	2,000	Impurity
4-methyl-m-phenylenediamine	SL Term Blanked	1,000	2,000	Impurity
o-toluidine	SL Term Blanked	1,000	2,000	Impurity
butyl 4-hydroxybenzoate	SL Term Blanked	1,000	2,000	Impurity
phenanthrene	SL Term Blanked	1,000	2,000	Impurity
dicyclohexyl phthalate	SL Term Blanked	1,000	2,000	Impurity
p-(1,1-dimethylpropyl)phenol	SL Term Blanked	1,000	2,000	Impurity
N-methylacetamide	SL Term Blanked	1,000	2,000	Impurity
dimethyl sulphate	SL Term Blanked	1,000	2,000	Impurity
pentacosafuorotridecanoic acid	SL Term Blanked	1,000	2,000	Impurity
Perfluorohexane-1-sulphonic acid and its salts	SL Term Blanked	1,000	2,000	Impurity

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5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-	SL Term Blanked	1,000	2,000	Impurity
Cadmium sulphate	SL Term Blanked	1,000	2,000	Impurity
Bisphenol-A	SL Term Blanked	1,000	1,100	Impurity
Methylhexahydrophthalic anhydride	SL Term Blanked	1,000	2,000	Impurity
Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-	SL Term Blanked	1,000	2,000	Impurity
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol,	SL Term Blanked	1,000	2,000	Impurity
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM)	SL Term Blanked	1,000	2,000	Impurity
Pyrene	SL Term Blanked	1,000	2,000	Impurity
Perfluorobutane sulfonic acid (PFBS) and its salts	SL Term Blanked	1,000	1,100	Impurity
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-	SL Term Blanked	1,000	2,000	Impurity
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	SL Term Blanked	1,000	2,000	Impurity
4-Nonylphenol, branched and linear, ethoxylated [Substances with a linear and/or branched alkyl	SL Term Blanked	1,000	2,000	Impurity
Trixylyl phosphate	SL Term Blanked	1,000	2,000	Impurity
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a	SL Term Blanked	1,000	2,000	Impurity
Zirconia Aluminosilicate Refractory Ceramic Fibres	SL Term Blanked	1,000	2,000	Impurity
Aluminosilicate Refractory Ceramic Fibres	SL Term Blanked	1,000	2,000	Impurity
Sodium dichromate	SL Term Blanked	1,000	1,000.0000001	Impurity
4,4'-Oxydianiline and its salts	SL Term Blanked	1,000	2,000	Impurity
Boric acid	SL Term Blanked	1,000	2,000	Impurity
Disodium tetraborate	SL Term Blanked	1,000	2,000	Impurity
n-pentyl-isopentylphthalate	SL Term Blanked	1,000	2,000	Impurity
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	SL Term Blanked	1,000	2,000	Impurity
2-benzyl-2-dimethylamino-4-morpholinobutyrophenone	SL Term Blanked	1,000	2,000	Impurity
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	SL Term Blanked	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	SL Term Blanked	1,000	2,000	Impurity
benzo[a]pyrene	SL Term Blanked	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	SL Term Blanked	1,000	2,000	Impurity

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
1,2,3-trichloropropane	SL Term Blanked	1,000	2,000	Impurity
N-methyl-2-pyrrolidone	SL Term Blanked	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	SL Term Blanked	1,000	2,000	Impurity
2-ethoxyethyl acetate	SL Term Blanked	1,000	2,000	Impurity
Cobalt sulphate	SL Term Blanked	1,000	2,000	Impurity
Cobalt-dinitrate	SL Term Blanked	1,000	2,000	Impurity
Carbonic acid, cobalt(2+) salt (1:1)	SL Term Blanked	1,000	2,000	Impurity
2-methoxyethanol	SL Term Blanked	1,000	1,000.0000001	Impurity
2-ethoxyethanol	SL Term Blanked	1,000	2,000	Impurity
trichloroethylene	SL Term Blanked	1,000	2,000	Impurity
Boric acid, disodium salt, hydrate	SL Term Blanked	1,000	2,000	Impurity
potassium dichromate	SL Term Blanked	1,000	2,000	Impurity
potassium chromate	SL Term Blanked	1,000	2,000	Impurity
Pitch, coal tar, high-temp.	SL Term Blanked	1,000	2,000	Impurity
Lead chromate molybdate sulfate red	SL Term Blanked	1,000	2,000	Impurity
lead chromate	SL Term Blanked	1,000	2,000	Impurity
Anthracene oil, anthracene-low; Anthracene Oil Fraction	SL Term Blanked	1,000	2,000	Impurity
lead hydrogen arsenate	SL Term Blanked	1,000	2,000	Impurity
bis(tributyltin) oxide	SL Term Blanked	1,000	1,000.0000001	Impurity
alkanes, C10-13, chloro	SL Term Blanked	1,000	1,000.0000001	Impurity
bis(2-ethylhexyl) phthalate (DEHP)	SL Term Blanked	1,000	2,000	Impurity
musk xylene	SL Term Blanked	1,000	1,000.0000001	Impurity
diarsenic trioxide	SL Term Blanked	1,000	1,100	Impurity
diarsenic pentaoxide	SL Term Blanked	1,000	1,000.0000001	Impurity
Cobalt-dichloride	SL Term Blanked	1,000	1,000.0000001	Impurity
dibutyl phthalate (DBP)	SL Term Blanked	1,000	2,000	Impurity
4,4'-diaminodiphenylmethane	SL Term Blanked	1,000	2,000	Impurity
potassium hydroxyoctaoxodizincatedichromate(1-)	SL Term Blanked	1,000	2,000	Impurity
Fatty acids, C16-18, lead salts	SL Term Blanked	1,000	2,000	Impurity

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
[phthalato(2-)]dioxotrilead	SL Term Blanked	1,000	2,000	Impurity
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	SL Term Blanked	1,000	2,000	Impurity
Sulfurous acid, lead salt, dibasic	SL Term Blanked	1,000	2,000	Impurity
Borate(1-), tetrafluoro-, lead (2+)	SL Term Blanked	1,000	2,000	Impurity
dioxobis(stearato)trilead	SL Term Blanked	1,000	2,000	Impurity
tetralead trioxide sulphate	SL Term Blanked	1,000	2,000	Impurity
Lead-titanium-trioxide	SL Term Blanked	1,000	2,000	Impurity
lead oxide sulfate	SL Term Blanked	1,000	2,000	Impurity
Silicic acid, lead salt	SL Term Blanked	1,000	2,000	Impurity
lead dinitrate	SL Term Blanked	1,000	2,000	Impurity
cadmium	SL Term Blanked	1,000	2,000	Impurity
lead	SL Term Blanked	1,000	2,000	Impurity
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5	SL Term Blanked	1,000	2,000	Impurity
arsenic acid	SL Term Blanked	1,000	2,000	Impurity
trilead diarsenate	SL Term Blanked	1,000	2,000	Impurity
pentazinc chromate octahydroxide	SL Term Blanked	1,000	2,000	Impurity
1,2-Benzenedicarboxylic acid, bis(2-methoxyethyl) ester	SL Term Blanked	1,000	2,000	Impurity
dichromium tris(chromate)	SL Term Blanked	1,000	2,000	Impurity
2,2'-dichloro-4,4'-methylenedianiline	SL Term Blanked	1,000	2,000	Impurity
N,N,N',N'-tetramethyl-4,4'-methylenedianiline	SL Term Blanked	1,000	2,000	Impurity
cadmium carbonate	SL Term Blanked	1,000	2,000	Impurity
Diboron-trioxide	SL Term Blanked	1,000	2,000	Impurity
cadmium oxide (non-pyrophoric)	SL Term Blanked	1,000	2,000	Impurity
orange lead	SL Term Blanked	1,000	2,000	Impurity
trilead bis(carbonate) dihydroxide	SL Term Blanked	1,000	2,000	Impurity
Lead oxide	SL Term Blanked	1,000	2,000	Impurity
1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	SL Term Blanked	1,000	2,000	Impurity

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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 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 0014562032		Hazardous Substances				
Part Name "CGrid SL IDT Opt G 15""SAu 3Ckt"						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
"CGrid SL IDT Opt G 15""SAu 3Ckt"	○	○	○	○	○	○
SL Female IDT Term 15"SAu Formed	○	○	○	○	○	○
SL Female IDT Term 15"SAu	○	○	○	○	○	○
SL Term Blanked	○	○	○	○	○	○
SL Crp Hsg G SR Pos Ltch 3Ckt	○	○	○	○	○	○

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 6, 2021

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