

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 0014441212 **Part Weight** 2.323576G

Part Name SL IDT Opt D Male 24AWG 15"SAu 12Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL IDT Opt D Male 24AWG 15"SAu 12Ckt	Assembly		100	2.323576
CGrid SL IDT Term Male 15"SAu	Assembly		60.4489	1.404576
CGrid SL IDT Term Male	Component		57.8419	1.344
Phosphor Bronze 5% Unplated	Material		57.8419	1.344
Copper	Substance	7440-50-8	54.863	1.274784
Tin	Substance	7440-31-5	2.8921	0.0672
Phosphorus	Substance	7723-14-0	0.0868	0.002016
Gold Plating	Material		0.1281	0.002976
Cobalt	Substance	7440-48-4	0.0003	0.000007
Nickel	Substance	7440-02-0	0.0003	0.000007
Gold	Substance	7440-57-5	0.1274	0.002961
Nickel Plating	Material		1.601	0.0372
Nickel	Substance	7440-02-0	1.6008	0.037196

Form Rev - F

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)
Further Additives, not to declare	Substance	system	0.0002	0.000004
Tin Plating	Material		0.878	0.0204
Tin	Substance	7440-31-5	0.878	0.0204
SL Crp Hsg D SR Back Rbs 12Ckt	Component		39.5511	0.919
PBT+PC GF BLACK	Material		39.5511	0.919
PC+PBT	Substance		20.6009	0.478679
GF-Fibre	Substance		13.0691	0.30367
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.6456	0.084708
Antimonytrioxide	Substance	1309-64-4	1.2725	0.029568
Pigment portion, not to declare	Substance	system	0.4815	0.011188
Further Additives, not to declare	Substance	system	0.4815	0.011188

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

None

Form Rev - F

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.

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)

Form Rev - F

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.


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 0014441212		Hazardous Substances				
Part Name SL IDT Opt D Male 24AWG 15"SAu 12Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL IDT Opt D Male 24AWG 15"SAu 12Ckt	○	○	○	○	○	○
CGrid SL IDT Term Male 15"SAu	○	○	○	○	○	○
CGrid SL IDT Term Male	○	○	○	○	○	○
SL Crp Hsg D SR Back Rbs 12Ckt	○	○	○	○	○	○

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

Jan 8, 2021

Form Rev - F

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.