

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 0015917120 **Part Weight** 2.775G

Part Name SL RA Hdr Asy SMT 12 Ckt 15 Gold TR Cap

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL RA Hdr Asy SMT 12 Ckt 15 Gold TR Cap	Assembly		100	2.775
CGrid SL Srd Hdr RA 120 TPg 15Au 12Ckt	Assembly		100	2.775
571PLT 025 SQ PIN	Assembly		32	0.888
.025 Square Pin W/Star .100 Ctr Unplated	Component		31.5676	0.876
Phosphor Bronze 5% Unplated	Material		31.5676	0.876
Copper	Substance	7440-50-8	29.9418	0.830886
Tin	Substance	7440-31-5	1.5784	0.0438
Phosphorus	Substance	7723-14-0	0.0474	0.001314
Gold Plating	Material		0.0545	0.001512
Cobalt	Substance	7440-48-4	0.0001	0.000004
Nickel	Substance	7440-02-0	0.0001	0.000004
Gold	Substance	7440-57-5	0.0542	0.001504
Nickel Plating	Material		0.3082	0.008551

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)
Nickel	Substance	7440-02-0	0.3081	0.00855
Further Additives, not to declare	Substance	system	3E-05	9E-07
Tin Plating	Material		0.0698	0.001937
Tin	Substance	7440-31-5	0.0698	0.001937
CGrid SL Hdr RA 12Ckt	Component		68	1.887
PCT GF BLACK	Material		68	1.887
PCT	Substance		29.648	0.822732
GF-Fibre	Substance		21.08	0.58497
Flame Retardant, ISO 1043-4 FR(17)	Substance		9.52	0.26418
Sodium-antimonate	Substance	15432-85-6	2.38	0.066045
Carbon black	Substance	1333-86-4	0.204	0.005661
Further Additives, not to declare	Substance	system	5.168	0.143412

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

Form Rev - F

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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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	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

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

Exemptions

Part Name	Exemption
Phosphor Bronze 5% A (CA510)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	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)

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	PCT GF BLACK	900	140,000	Yes
Bromine and Chlorine combined	PCT GF BLACK	1,500	140,000	Yes

Form Rev - F

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China ROHS Declaration Information

Part Number	0015917120		Hazardous Substances				
Part Name	SL RA Hdr Asy SMT 12 Ckt 15 Gold TR Cap						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL RA Hdr Asy SMT 12 Ckt 15 Gold TR Cap		○	○	○	○	○	○
CGrid SL Srd Hdr RA 120 TPg 15Au 12Ckt		○	○	○	○	○	○
571PLT 025 SQ PIN		○	○	○	○	○	○
.025 Square Pin W/Star .100 Ctr Unplated		○	○	○	○	○	○
CGrid SL Hdr RA 12Ckt		○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

Mar 24, 2021

Form Rev - F

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