

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 0015913034 **Part Weight** 0.879029G

Part Name SL RA Hdr Asy SMT 03 Ckt Tin Tube

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL RA Hdr Asy SMT 03 Ckt Tin Tube	Assembly		100	0.879029
SL RA Hdr Asy TH Peg 03 Ckt Tin Tube	Assembly		100	0.879029
CGrid SL Hdr Opt E 3Ckt	Component		74.4003	0.654
PCT GF BLACK	Material		74.4003	0.654
PCT	Substance		32.4385	0.285144
GF-Fibre	Substance		23.0641	0.20274
Flame Retardant, ISO 1043-4 FR(17)	Substance		10.416	0.09156
Sodium-antimonate	Substance	15432-85-6	2.604	0.02289
Carbon black	Substance	1333-86-4	0.2232	0.001962
Further Additives, not to declare	Substance	system	5.6544	0.049704
164PLT 025 SQ PIN	Assembly		25.5997	0.225029
025 Square Pin WStar 100 Ctr Unplated	Component		24.9139	0.219
Phosphor Bronze 5% Unplated	Material		24.9139	0.219

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)
Copper	Substance	7440-50-8	23.6308	0.207722
Tin	Substance	7440-31-5	1.2457	0.01095
Phosphorus	Substance	7723-14-0	0.0374	0.000328
Nickel Plating	Material		0.174	0.001529
Nickel	Substance	7440-02-0	0.1739	0.001529
Further Additives, not to declare	Substance	system	2E-05	2E-07
Tin Plating	Material		0.5119	0.0045
Tin	Substance	7440-31-5	0.5119	0.0045

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

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

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.

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]	Ep-Ni	*Note	997,500	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
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/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

China ROHS Declaration Information

Part Number 0015913034		Hazardous Substances					
Part Name SL RA Hdr Asy SMT 03 Ckt Tin Tube							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL RA Hdr Asy SMT 03 Ckt Tin Tube		○	○	○	○	○	○
SL RA Hdr Asy TH Peg 03 Ckt Tin Tube		○	○	○	○	○	○

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.

Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL Hdr Opt E 3Ckt	○	○	○	○	○	○
164PLT 025 SQ PIN	○	○	○	○	○	○
025 Square Pin WStar 100 Ctr Unplated	○	○	○	○	○	○

Additional Information

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

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	P-Bronze
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	020
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Dec 23, 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.