

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 0015913094 **Part Weight** 2.15099G

Part Name SL SMT RA Hdr Tin 9Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL SMT RA Hdr Tin 9Ckt	Assembly		100	2.15099
SL RA Hdr Asy TH Peg 09 Ckt Tin Tube	Assembly		100	2.15099
CGrid SL Hdr RA 9Ckt	Component		68.6196	1.476
PCT GF BLACK	Material		68.6196	1.476
PCT	Substance		29.9181	0.643536
GF-Fibre	Substance		21.2721	0.45756
Flame Retardant, ISO 1043-4 FR(17)	Substance		9.6067	0.20664
Sodium-antimonate	Substance	15432-85-6	2.4017	0.05166
Carbon black	Substance	1333-86-4	0.2059	0.004428
Further Additives, not to declare	Substance	system	5.2151	0.112176
164PLT 025 SQ PIN	Assembly		31.3804	0.67499
.025 Square Pin W/Star .100 Ctr Unplated	Component		30.5441	0.657
Phosphor Bronze 5% Unplated	Material		30.5441	0.657

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	28.9711	0.623165
Tin	Substance	7440-31-5	1.5272	0.03285
Phosphorus	Substance	7723-14-0	0.0458	0.000985
Nickel Plating	Material		0.2506	0.00539
Nickel	Substance	7440-02-0	0.2506	0.00539
Further Additives, not to declare	Substance	system	3E-05	5E-07
Tin Plating	Material		0.5858	0.0126
Tin	Substance	7440-31-5	0.5858	0.0126

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

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 0015913094		Hazardous Substances					
Part Name SL SMT RA Hdr Tin 9Ckt							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL SMT RA Hdr Tin 9Ckt		○	○	○	○	○	○
SL RA Hdr Asy TH Peg 09 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 RA 9Ckt	○	○	○	○	○	○
164PLT 025 SQ PIN	○	○	○	○	○	○
.025 Square Pin W/Star .100 Ctr Unplated	○	○	○	○	○	○

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

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.