

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 0015916029 **Part Weight** 0.666998G

Part Name SL RA Hdr Asy SMT 02 Ckt Tin TR Cap

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
SL RA Hdr Asy SMT 02 Ckt Tin TR Cap	Assembly		100	0.666998
SL RA Hdr Asy TH Peg 02 Ckt Tin Tube	Assembly		100	0.666998
CGrid SL RA Hdr Opt E 2Ckt	Component		77.5115	0.517
PCT GF BLACK	Material		77.5115	0.517
Pigment portion	Substance	system	3.1005	0.02068
Antimony compound, ISO 1043-4	Substance		7.3636	0.049115
PCT	Substance		26.4702	0.176556
Flame Retardant, ISO 1043-4 FR(17)	Substance		14.7272	0.09823
Further Additives	Substance	system	3.7593	0.025075
GF-Fiber	Substance		22.0908	0.147345
164PLT .025 SQ PIN	Assembly		22.4885	0.149998
.025 Square Pin W/Star .100 Ctr Unplated	Component		21.8891	0.146
Phosphor Bronze 5% Unplated	Material		21.8891	0.146

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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	20.7618	0.138481
Tin	Substance	7440-31-5	1.0945	0.0073
Phosphorus	Substance	7723-14-0	0.0328	0.000219
Nickel Plating	Material		0.1796	0.001198
Nickel	Substance	7440-02-0	0.1796	0.001198
Further Additives	Substance	system	2E-5	1E-7
Tin Plating	Material		0.4198	0.0028
Tin	Substance	7440-31-5	0.4198	0.0028

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/30/2017 (7 July 2017)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

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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	150	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes
Glass fibres	PCT GF BLACK	*Note	285,000	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	190,000	Yes
Bromine and Chlorine combined	PCT GF BLACK	1,500	190,000	Yes

China ROHS Declaration Information

Part Number 0015916029		Hazardous Substances					
Part Name SL RA Hdr Asy SMT 02 Ckt Tin TR Cap							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
SL RA Hdr Asy SMT 02 Ckt Tin TR Cap	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
SL RA Hdr Asy TH Peg 02 Ckt Tin Tube	○	○	○	○	○	○
CGrid SL RA Hdr Opt E 2Ckt	○	○	○	○	○	○
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

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