

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 0022041101 **Part Weight** 1.002G

Part Name 10CKT WAFER ASSY W/LOCK 504510A

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
10CKT WAFER ASSY W/LOCK 504510A	Assembly		100	1.002
WAFER	Component		50.0998	0.502
PA66-FR(30)	Material		50.0998	0.502
PA66	Substance		43.2111	0.432975
Flame Retardant, ISO 1043-4 FR(30)	Substance		4.008	0.04016
Further Additives, not to declare	Substance	system	0.501	0.00502
Pigment portion, not to declare	Substance	system	0.3757	0.003765
Antimonytrioxide	Substance	1309-64-4	2.004	0.02008
SQ WIRE PIN .025	Assembly		49.9002	0.5
.025SQ WIRE PIN,PLAIN	Component		48.9022	0.49
Cartridge Brass 70% Unplated	Material		48.9022	0.49
Copper	Substance	7440-50-8	34.2315	0.343
Zinc (metal)	Substance	7440-66-6	14.6707	0.147

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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)
Tin Plating	Material		0.6185	0.006197
Tin	Substance	7440-31-5	0.6185	0.006197
Copper Plating	Material		0.3795	0.003803
Copper	Substance	7440-50-8	0.3795	0.003803

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)10043-DC (17 Jan 2022)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Antimonytrioxide	PA66-FR(30)	*Note	50,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	Yes

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

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0022041101		Hazardous Substances					
Part Name 10CKT WAFER ASSY W/LOCK 504510A							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
10CKT WAFER ASSY W/LOCK 504510A	○	○	○	○	○	○	
WAFER	○	○	○	○	○	○	
SQ WIRE PIN .025	○	○	○	○	○	○	
.025SQ WIRE PIN,PLAIN	○	○	○	○	○	○	

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Additional Information

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

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

May 17, 2022

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