

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 0022041121 **Part Weight** 1.198G

Part Name 12CKT WAFER ASSY W/LOCK 504512A

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
12CKT WAFER ASSY W/LOCK 504512A	Assembly		100	1.198
KK25 WAFER WLOCK	Component		49.9165	0.598
PA66-FR(30)	Material		49.9165	0.598
PA66	Substance		43.053	0.515775
Flame Retardant, ISO 1043-4 FR(30)	Substance		3.9933	0.04784
Further Additives, not to declare	Substance	system	0.4992	0.00598
Pigment portion, not to declare	Substance	system	0.3744	0.004485
Antimonytrioxide	Substance	1309-64-4	1.9967	0.02392
SQ WIRE PIN .025	Assembly		50.0835	0.6
.025SQ WIRE PIN,PLAIN	Component		49.0818	0.588
Cartridge Brass 70% Unplated	Material		49.0818	0.588
Copper	Substance	7440-50-8	34.3573	0.4116
Zinc (metal)	Substance	7440-66-6	14.7245	0.1764

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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		0.6207	0.007436
Tin	Substance	7440-31-5	0.6207	0.007436
Copper Plating	Material		0.3809	0.004564
Copper	Substance	7440-50-8	0.3809	0.004564

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(2022)4187-DC (10 June 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 0022041121		Hazardous Substances				
Part Name 12CKT WAFER ASSY W/LOCK 504512A						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
12CKT WAFER ASSY W/LOCK 504512A	○	○	○	○	○	○
KK25 WAFER WLOCK	○	○	○	○	○	○
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

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