

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 0530470510 **Part Weight** 0.1112G

Part Name 5CKT STRIGHT WAFER ASSY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
5CKT STRIGHT WAFER ASSY	Assembly		100	0.1112
1.25MM WAFER	Component		61.3309	0.0682
PA66-GF20	Material		61.3309	0.0682
PA66	Substance		33.1187	0.036828
GF-Fibre	Substance		12.2662	0.01364
Flame Retardant, ISO 1043-4 FR(17)	Substance		10.4263	0.011594
Antimonytrioxide	Substance	1309-64-4	4.2932	0.004774
Further Additives, not to declare	Substance	system	1.2266	0.001364
TERM. OF 53047-**00	Component		38.6691	0.043
Phosphor Bronze 5%	Material		38.6691	0.043
Tin Plating	Material		0.1784	0.000198
Tin	Substance	7440-31-5	0.1784	0.000198
Phosphor Bronze 5% Unplated	Material		38.4907	0.042802

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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	36.5084	0.040597
Tin	Substance	7440-31-5	1.9245	0.00214
Phosphorus	Substance	7723-14-0	0.0577	0.000064

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

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
Antimonytrioxide	PA66-GF20	*Note	70,000	Yes
copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
glass, oxide, chemicals	PA66-GF20	*Note	200,000	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


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	PA66-GF20	900	170,000	Yes
Bromine and Chlorine combined	PA66-GF20	1,500	170,000	Yes

China ROHS Declaration Information

Part Number 0530470510		Hazardous Substances				
Part Name 5CKT STRIGHT WAFER ASSY						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
5CKT STRIGHT WAFER ASSY	○	○	○	○	○	○
1.25MM WAFER	○	○	○	○	○	○
TERM. OF 53047-**00	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	N/A
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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

Feb 18, 2021

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