

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 0532530270 **Part Weight** 0.103G

Part Name New 2.0 WtB Wafer Assy Str 2Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
New 2.0 WtB Wafer Assy Str 2Ckt	Assembly		100	0.103
2.0 W TO B CONN WAFER	Component		71.9417	0.0741
PA46-FR(17)	Material		71.9417	0.0741
PA46	Substance		42.4097	0.043682
Flame Retardant, ISO 1043-4 FR(17)	Substance		19.784	0.020378
Antimonytrioxide	Substance	1309-64-4	8.9927	0.009262
Further Additives, not to declare	Substance	system	0.7554	0.000778
Cartridge Brass 70%	Material		28.0583	0.0289
Tin Plating	Material		0.5601	0.000577
Tin	Substance	7440-31-5	0.5601	0.000577
Nickel Plating	Material		0.2276	0.000234
Nickel	Substance	7440-02-0	0.2276	0.000234
Further Additives, not to declare	Substance	system	2E-05	2E-08

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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)
Cartridge Brass 70% Unplated	Material		27.2705	0.028089
Copper	Substance	7440-50-8	19.0893	0.019662
Zinc (metal)	Substance	7440-66-6	8.1811	0.008427

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)4569-DC (8 July 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	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Antimonytrioxide	PA46-FR(17)	*Note	150,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
copper	Cartridge Brass 70% (CA260)	*Note	700,000	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
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	PA46-FR(17)	900	300,000	Yes
Bromine and Chlorine combined	PA46-FR(17)	1,500	300,000	Yes

China ROHS Declaration Information

Part Number 0532530270		Hazardous Substances				
Part Name New 2.0 WtB Wafer Assy Str 2Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
New 2.0 WtB Wafer Assy Str 2Ckt	○	○	○	○	○	○
2.0 W TO B CONN WAFER	○	○	○	○	○	○

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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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