

# Product Compliance Declaration

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## Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

## Part Information

**Part Number** 0022041021 **Part Weight** 0.204G

**Part Name** WFR ASSEM 2 CIR W/LOCK 504502A

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
WFR ASSEM 2 CIR W/LOCK 504502A	Assembly		100	0.204
WAFER	Component		50.9804	0.104
PA66-FR(30)	Material		50.9804	0.104
PA66	Substance		43.9706	0.0897
Flame Retardant, ISO 1043-4 FR(30)	Substance		4.0784	0.00832
Further Additives, not to declare	Substance	system	0.5098	0.00104
Pigment portion, not to declare	Substance	system	0.3824	0.00078
Antimonytrioxide	Substance	1309-64-4	2.0392	0.00416
SQ WIRE PIN .025	Assembly		49.0196	0.1
.025SQ WIRE PIN,PLAIN	Component		48.0392	0.098
Cartridge Brass 70% Unplated	Material		48.0392	0.098
Copper	Substance	7440-50-8	33.6275	0.0686
Zinc (metal)	Substance	7440-66-6	14.4118	0.0294

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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		0.6075	0.001239
Tin	Substance	7440-31-5	0.6075	0.001239
Copper Plating	Material		0.3728	0.000761
Copper	Substance	7440-50-8	0.3728	0.000761

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## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

**Regulatory Revision** D(2022)4187-DC (10 June 2022)

### Contained Substances Exceeding Threshold

None

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## 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 0022041021		<b>Hazardous Substances</b>					
Part Name WFR ASSEM 2 CIR W/LOCK 504502A							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
WFR ASSEM 2 CIR W/LOCK 504502A	○	○	○	○	○	○	
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

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## 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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