

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 0022051042 **Part Weight** 0.4984G

Part Name 2.5MM 4CKT R/A WAFER ASSY 504604A

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
2.5MM 4CKT R/A WAFER ASSY 504604A	Assembly		100	0.4984
KK25 WAFER WLOCK	Component		50.1605	0.25
PA66 GF NATURAL	Material		50.1605	0.25
PA66	Substance		28.5915	0.1425
GF-Fibre	Substance		7.5241	0.0375
Flame Retardant, ISO 1043-4 FR(17)	Substance		9.5305	0.0475
Antimonytrioxide	Substance	1309-64-4	3.5112	0.0175
Further Additives, not to declare	Substance	system	1.0032	0.005
SQ WIRE PIN .025	Assembly		49.8395	0.2484
.025SQ WIRE PIN,PLAIN	Component		49.1573	0.245
Cartridge Brass 70% Unplated	Material		49.1573	0.245
Copper	Substance	7440-50-8	34.4101	0.1715
Zinc (metal)	Substance	7440-66-6	14.7472	0.0735

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.3411	0.0017
Tin	Substance	7440-31-5	0.3411	0.0017
Copper Plating	Material		0.3411	0.0017
Copper	Substance	7440-50-8	0.3411	0.0017

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 GF NATURAL	*Note	70,000	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

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PA66 GF NATURAL	900	190,000	Yes
Bromine and Chlorine combined	PA66 GF NATURAL	1,500	190,000	Yes

China ROHS Declaration Information

Part Number 0022051042		Hazardous Substances				
Part Name 2.5MM 4CKT R/A WAFER ASSY 504604A						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
2.5MM 4CKT R/A WAFER ASSY 504604A	○	○	○	○	○	○
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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