

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 0022111021 **Part Weight** 0.204G

Part Name KK2.5MM FL WAF.ASS. GOLD 504502AG

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK2.5MM FL WAF.ASS. GOLD 504502AG	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
025SQ WIRE PIN	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)
99.5/0.5 Gold/Cobalt Plating	Material		0.4902	0.001
Gold	Substance	7440-57-5	0.4877	0.000995
Cobalt	Substance	7440-48-4	0.0025	0.000005
Nickel Plating	Material		0.4902	0.001
Nickel	Substance	7440-02-0	0.4902	0.001

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
Antimonytrioxide	PA66-FR(30)	*Note	50,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	99.5/0.5 Gold/Cobalt Plating	*Note	5,000	Yes
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
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

None

China ROHS Declaration Information

Part Number	0022111021		Hazardous Substances				
Part Name	KK2.5MM FL WAF.ASS. GOLD 504502AG						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK2.5MM FL WAF.ASS. GOLD 504502AG		○	○	○	○	○	○
WAFER		○	○	○	○	○	○
025SQ WIRE PIN		○	○	○	○	○	○
.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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