

## Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

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### Contact Information

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

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### Part Information

**Part Number** 0010081021 **Part Weight** 0.503G

**Part Name** 5.08mm KK Hdr Vt RPin VrA 5Sn 2Ckt

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
5.08mm KK Hdr Vt RPin VrA 5Sn 2Ckt	Assembly		100	0.503
KK200 WAFER 300302	Component		29.2247	0.147
PA66 NATURAL	Material		29.2247	0.147
PA66	Substance		27.7634	0.13965
Further Additives, not to declare	Substance	system	1.4612	0.00735
. x . Rd Pin Brass Tin	Component		70.7753	0.356
Brass	Material		70.7683	0.355964
Zinc (metal)	Substance	7440-66-6	21.2305	0.106789
Copper	Substance	7440-50-8	49.5378	0.249175
Plating Nickel	Material		0.0021	0.000011
Nickel	Substance	7440-02-0	0.0021	0.000011
Misc.	Substance	system	2E-05	1E-07
Plating Tin	Material		0.005	0.000025

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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	Substance	7440-31-5	0.0049	0.000025
Misc.	Substance	system	5E-05	2E-07

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)4578-DC (25 June 2020)

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
nickel powder [particle diameter < 1 mm]	Plating Nickel	*Note	990,000	Yes
copper	Brass	*Note	700,000	Yes

**\*Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Plating Nickel	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	0010081021		<div>Hazardous Substances</div>					
Part Name	5.08mm KK Hdr Vt RPin VrA 5Sn 2Ckt							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
5.08mm KK Hdr Vt RPin VrA 5Sn 2Ckt			O	O	O	O	O	O
KK200 WAFER 300302			O	O	O	O	O	O
. x . Rd Pin Brass Tin			O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	235
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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Jan 9, 2021

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