

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 0022232031 **Part Weight** 0,34G

Part Name KK 100 Hdr FrLk Vert 03 Ckt Tin

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 Hdr FrLk Vert 03 Ckt Tin	Assembly		100	0,34
KK . Sq Pin . Tin	Component		46,7647	0,159
Plating Nickel	Material		0,0033	0,000011
Nickel	Substance	7440-02-0	0,0032	0,000011
Misc.	Substance	system	3E-5	1E-7
Plating Tin	Material		0,0014	0,000005
Tin	Substance	7440-31-5	0,0014	0,000005
Misc.	Substance	system	1E-5	5E-8
Brass	Material		46,76	0,158984
Zinc (metal)	Substance	7440-66-6	14,028	0,047695
Copper	Substance	7440-50-8	32,732	0,111289
KK 100 Header FrLk 03 ckt	Component		53,2353	0,181
PA66 UF WHITE	Material		53,2353	0,181

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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)
PA66	Substance		45,25	0,15385
Further Additives	Substance	system	2,6618	0,00905
Flame Retardant, ISO 1043-4 FR(30)	Substance		5,3235	0,0181

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/71/2019 (16 July 2019)

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	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/>

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Exemptions

Part Name	Exemption
Plating Nickel	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0022232031		Hazardous Substances					
Part Name KK 100 Hdr FrLk Vert 03 Ckt Tin							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 100 Hdr FrLk Vert 03 Ckt Tin	○	○	○	○	○	○	
KK . Sq Pin . Tin	○	○	○	○	○	○	
KK 100 Header FrLk 03 ckt	○	○	○	○	○	○	

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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Oct 25, 2019

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