

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 1053091102 **Part Weight** 0.266G

Part Name NANOFIT HDR VT SGL KNK 2CKT TIN BLK

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
NANOFIT HDR VT SGL KNK 2CKT TIN BLK	Assembly		100	0.266
Nano-Fit Hdr HSG V/A 1X2	Component		75.188	0.2
LCP GF BLACK	Material		75.188	0.2
Carbon black	Substance	1333-86-4	0.3759	0.001
LCP	Substance		51.1278	0.136
Further Additives	Substance	system	1.1278	0.003
GF-Fibre	Substance		22.5564	0.06
Band TML, Thor 2.5um matte, 10.80	Component		24.812	0.066
Cartridge Brass 70% Unplated	Material		23.388	0.062212
Copper	Substance	7440-50-8	16.3716	0.043548
Zinc (metal)	Substance	7440-66-6	7.0164	0.018664
Nickel Plating	Material		0.597	0.001588
Nickel	Substance	7440-02-0	0.5969	0.001588

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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)
Further Additives	Substance	system	6E-5	2E-7
Tin Plating	Material		0.8271	0.0022
Tin	Substance	7440-31-5	0.8271	0.0022

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/88/2018 (15 January 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
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Glass fibres	LCP GF BLACK	*Note	300,000	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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	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 1053091102		<div>Hazardous Substances</div> <div> <div>Lead</div> <div>Mercury</div> <div>Cadmium</div> <div>Hex. Chromium</div> <div>PBB</div> <div>PBDE</div> </div>					
Part Name NANOFIT HDR VT SGL KNK 2CKT TIN BLK							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
NANOFIT HDR VT SGL KNK 2CKT TIN BLK		O	O	O	O	O	O
Nano-Fit Hdr HSG V/A 1X2		O	O	O	O	O	O
Band TML, Thor 2.5um matte, 10.80		O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A

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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

Mar 24, 2019

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