

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 1053091105 **Part Weight** 0.5785G

Part Name NANOFIT HDR VT SGL KNK 5CKT TIN BLK

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
NANOFIT HDR VT SGL KNK 5CKT TIN BLK	Assembly		100	0.5785
Nano-Fit Hdr HSG V/A 1X5	Component		69.1443	0.4
LCP-GF30	Material		69.1443	0.4
Carbon black	Substance	1333-86-4	0.3457	0.002
LCP	Substance		47.0182	0.272
Further Additives, not to declare	Substance	system	1.0372	0.006
GF-Fibre	Substance		20.7433	0.12
Band TML, Thor 2.5um matte, 10.80	Assembly		30.8557	0.1785
Band TML, Thor stamp, 10.80	Component		28.522	0.165
Cartridge Brass 70% Unplated	Material		28.522	0.165
Copper	Substance	7440-50-8	19.9654	0.1155
Zinc (metal)	Substance	7440-66-6	8.5566	0.0495
NICKEL CROWN ANODE	Material		1.2965	0.0075

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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)
Nickel	Substance	7440-02-0	1.2965	0.0075
TIN BALL ANODE	Material		1.0372	0.006
Tin	Substance	7440-31-5	1.0372	0.006

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)9139-DC (19 Jan 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
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	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, oxide, chemicals	LCP-GF30	*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	1053091105							
Part Name	NANOFIT HDR VT SGL KNK 5CKT TIN BLK							
Part Information								
			Hazardous Substances					
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
NANOFIT HDR VT SGL KNK 5CKT TIN BLK			O	O	O	O	O	O
Nano-Fit Hdr HSG V/A 1X5			O	O	O	O	O	O
Band TML, Thor 2.5um matte, 10.80			O	O	O	O	O	O
Band TML, Thor stamp, 10.80			O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	N/A
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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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