

## 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** 1053102204 **Part Weight** 0.431808G

**Part Name** NANOFIT HDR VT DLR KNK 4CKT 15AU NAT

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
NANOFIT HDR VT DLR KNK 4CKT 15AU NAT	Assembly		100	0.431808
Nano-Fit Hdr HSG V/A 2X2	Component		67.1595	0.29
LCP GF NATURAL	Material		67.1595	0.29
LCP	Substance		46.34	0.2001
GF-Fibre	Substance		20.1478	0.087
Further Additives, not to declare	Substance	system	0.6716	0.0029
Band TML, Thor 0.38um gold, 10.80	Assembly		32.8405	0.141808
Band TML, Thor stamp, 10.80	Component		30.5691	0.132
Cartridge Brass 70% Unplated	Material		30.5691	0.132
Copper	Substance	7440-50-8	21.3984	0.0924
Zinc (metal)	Substance	7440-66-6	9.1707	0.0396
NICKEL CROWN ANODE	Material		1.3895	0.006
Nickel	Substance	7440-02-0	1.3895	0.006

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
TIN BALL ANODE	Material		0.7874	0.0034
Tin	Substance	7440-31-5	0.7874	0.0034
Gold Plating	Material		0.0945	0.000408
Cobalt	Substance	7440-48-4	0.0002	0.000001
Nickel	Substance	7440-02-0	0.0002	0.000001
Gold	Substance	7440-57-5	0.094	0.000406

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
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
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	1053102204							
Part Name	NANOFIT HDR VT DLR KNK 4CKT 15AU NAT							
Part Information								
			Hazardous Substances					
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
NANOFIT HDR VT DLR KNK 4CKT 15AU NAT			O	O	O	O	O	O
Nano-Fit Hdr HSG V/A 2X2			O	O	O	O	O	O
Band TML, Thor 0.38um gold, 10.80			O	O	O	O	O	O

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Band TML, Thor stamp, 10.80	O	O	O	O	O	O

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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