

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 1053101214 **Part Weight** 1.256328G

Part Name NANOFIT HDR VT DLR KNK 14CKT 15AU BLK

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
NANOFIT HDR VT DLR KNK 14CKT 15AU BLK	Assembly		100	1.256328
Nano-Fit Hdr HSG V/A 2X7	Component		60.4938	0.76
LCP-GF30	Material		60.4938	0.76
Carbon black	Substance	1333-86-4	0.3025	0.0038
LCP	Substance		41.1358	0.5168
Further Additives, not to declare	Substance	system	0.9074	0.0114
GF-Fibre	Substance		18.1481	0.228
Band TML, Thor 0.38um gold, 10.80	Assembly		39.5062	0.496328
Band TML, Thor stamp, 10.80	Component		36.7738	0.462
Cartridge Brass 70% Unplated	Material		36.7738	0.462
Copper	Substance	7440-50-8	25.7417	0.3234
Zinc (metal)	Substance	7440-66-6	11.0322	0.1386
NICKEL CROWN ANODE	Material		1.6715	0.021

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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	1.6715	0.021
TIN BALL ANODE	Material		0.9472	0.0119
Tin	Substance	7440-31-5	0.9472	0.0119
Gold Plating	Material		0.1137	0.001428
Cobalt	Substance	7440-48-4	0.0003	0.000004
Nickel	Substance	7440-02-0	0.0003	0.000004
Gold	Substance	7440-57-5	0.1131	0.001421

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
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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]	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
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
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	1053101214		Hazardous Substances				
Part Name	NANOFIT HDR VT DLR KNK 14CKT 15AU BLK						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
NANOFIT HDR VT DLR KNK 14CKT 15AU BLK		○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Nano-Fit Hdr HSG V/A 2X7	○	○	○	○	○	○
Band TML, Thor 0.38um gold, 10.80	○	○	○	○	○	○
Band TML, Thor stamp, 10.80	○	○	○	○	○	○

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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