

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 1053141204 **Part Weight** 0.514808G

Part Name NANOFIT HDR RA DLR 4CKT 15AU BLK

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
NANOFIT HDR RA DLR 4CKT 15AU BLK	Assembly		100	0.514808
Nano-Fit Hdr HSG R/A 2X2	Component		58.2742	0.3
LCP-GF30	Material		58.2742	0.3
Carbon black	Substance	1333-86-4	0.2914	0.0015
LCP	Substance		39.6264	0.204
Further Additives, not to declare	Substance	system	0.8741	0.0045
GF-Fibre	Substance		17.4822	0.09
Band TML, Thor 0.38um gold, 13.68	Assembly		17.6967	0.091104
Band TML, Thor stamping, 13.68	Component		16.7053	0.086
Cartridge Brass 70% Unplated	Material		16.7053	0.086
Copper	Substance	7440-50-8	11.6937	0.0602
Zinc (metal)	Substance	7440-66-6	5.0116	0.0258
NICKEL CROWN ANODE	Material		0.6216	0.0032

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.6216	0.0032
TIN BALL ANODE	Material		0.3302	0.0017
Tin	Substance	7440-31-5	0.3302	0.0017
Gold Plating	Material		0.0396	0.000204
Cobalt	Substance	7440-48-4	1E-04	5E-07
Nickel	Substance	7440-02-0	1E-04	5E-07
Gold	Substance	7440-57-5	0.0394	0.000203
Band TML, Thor 0.38um gold, 18.68	Assembly		24.0292	0.123704
Band TML, Thor stamping, 18.68	Component		22.9212	0.118
Cartridge Brass 70% Unplated	Material		22.9212	0.118
Copper	Substance	7440-50-8	16.0448	0.0826
Zinc (metal)	Substance	7440-66-6	6.8764	0.0354
NICKEL CROWN ANODE	Material		0.7381	0.0038
Nickel	Substance	7440-02-0	0.7381	0.0038
TIN BALL ANODE	Material		0.3302	0.0017
Tin	Substance	7440-31-5	0.3302	0.0017
Gold Plating	Material		0.0396	0.000204
Cobalt	Substance	7440-48-4	1E-04	5E-07
Nickel	Substance	7440-02-0	1E-04	5E-07
Gold	Substance	7440-57-5	0.0394	0.000203

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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(2021)4569-DC (8 July 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]	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/>

Part Name	Exemption
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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 1053141204		Hazardous Substances				
Part Name NANOFIT HDR RA DLR 4CKT 15AU BLK						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
NANOFIT HDR RA DLR 4CKT 15AU BLK	O	O	O	O	O	O
Nano-Fit Hdr HSG R/A 2X2	O	O	O	O	O	O
Band TML, Thor 0.38um gold, 13.68	O	O	O	O	O	O
Band TML, Thor stamping, 13.68	O	O	O	O	O	O
Band TML, Thor 0.38um gold, 18.68	O	O	O	O	O	O
Band TML, Thor stamping, 18.68	O	O	O	O	O	O

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Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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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