

## Product Compliance Declaration

Please see [www.molex.com](http://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** 1053132105 **Part Weight** 0.64G

**Part Name** NANOFIT HDR RA SGL 5CKT TIN NAT

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
NANOFIT HDR RA SGL 5CKT TIN NAT	Assembly		100	0.64
Nano-Fit Hdr HSG R/A 1X5	Component		64.0625	0.41
LCP GF NATURAL	Material		64.0625	0.41
LCP	Substance		44.2031	0.2829
GF-Fibre	Substance		19.2188	0.123
Further Additives, not to declare	Substance	system	0.6406	0.0041
Band TML, Thor 2.5um matte, 13.68	Assembly		35.9375	0.23
Band TML, Thor stamping, 13.68	Component		33.5938	0.215
Cartridge Brass 70% Unplated	Material		33.5938	0.215
Copper	Substance	7440-50-8	23.5156	0.1505
Zinc (metal)	Substance	7440-66-6	10.0781	0.0645
NICKEL CROWN ANODE	Material		1.25	0.008
Nickel	Substance	7440-02-0	1.25	0.008

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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)
TIN BALL ANODE	Material		1.0938	0.007
Tin	Substance	7440-31-5	1.0938	0.007

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## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

**Regulatory Revision** D(2020)4578-DC (25 June 2020)

### Contained Substances Exceeding Threshold

None

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## 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

\*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 1053132105		<b>Hazardous Substances</b>					
Part Name NANOFIT HDR RA SGL 5CKT TIN NAT							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
NANOFIT HDR RA SGL 5CKT TIN NAT	○	○	○	○	○	○
Nano-Fit Hdr HSG R/A 1X5	○	○	○	○	○	○
Band TML, Thor 2.5um matte, 13.68	○	○	○	○	○	○
Band TML, Thor stamping, 13.68	○	○	○	○	○	○

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## 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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