

## 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** 1054051308 **Part Weight** 1.178936G

**Part Name** Nano Fit SMT R/A Hdr 2X4 Blk 30u'G

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nano Fit SMT R/A Hdr 2X4 Blk 30u'G	Assembly		100	1.178936
Nano Fit SMT R/A Hdr HSG 2X4 Blk	Component		46.6522	0.55
LCP-GF30	Material		46.6522	0.55
Carbon black	Substance	1333-86-4	0.2333	0.00275
LCP	Substance		31.7235	0.374
Further Additives, not to declare	Substance	system	0.6998	0.00825
GF-Fibre	Substance		13.9957	0.165
Nano Fit SMT R/A Hdr L TML 30u'G	Assembly		23.7702	0.280236
Nano Fit SMT R/A Hdr L TML w/o plated	Component		20.3573	0.24
Yellow Brass 66% Unplated	Material		20.3573	0.24
Copper	Substance	7440-50-8	13.4867	0.159
Zinc (metal)	Substance	7440-66-6	6.8706	0.081
NICKEL CROWN ANODE	Material		2.0357	0.024

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	2.0357	0.024
TIN BALL ANODE	Material		1.1875	0.014
Tin	Substance	7440-31-5	1.1875	0.014
Gold Plating	Material		0.1897	0.002236
Cobalt	Substance	7440-48-4	0.0005	0.000006
Nickel	Substance	7440-02-0	0.0005	0.000006
Gold	Substance	7440-57-5	0.1887	0.002225
Nano Fit SMT R/A Hdr S TML 30u'G	Assembly		18.1265	0.2137
Nano Fit SMT R/A Hdr S TML w/o plated	Component		16.9644	0.2
Yellow Brass 66% Unplated	Material		16.9644	0.2
Copper	Substance	7440-50-8	11.2389	0.1325
Zinc (metal)	Substance	7440-66-6	5.7255	0.0675
NICKEL CROWN ANODE	Material		0.6107	0.0072
Nickel	Substance	7440-02-0	0.6107	0.0072
TIN BALL ANODE	Material		0.475	0.0056
Tin	Substance	7440-31-5	0.475	0.0056
Gold Plating	Material		0.0763	0.0009
Cobalt	Substance	7440-48-4	0.0002	0.000002
Nickel	Substance	7440-02-0	0.0002	0.000002
Gold	Substance	7440-57-5	0.076	0.000896
Nano Fit SMT R/A Hdr Clip-S tin	Assembly		11.451	0.135
Nano Fit SMT R/A Hdr Clip-S w/o plated	Component		10.1787	0.12
Yellow Brass 66% Unplated	Material		10.1787	0.12
Copper	Substance	7440-50-8	6.7434	0.0795
Zinc (metal)	Substance	7440-66-6	3.4353	0.0405
NICKEL CROWN ANODE	Material		0.3902	0.0046
Nickel	Substance	7440-02-0	0.3902	0.0046
TIN BALL ANODE	Material		0.8822	0.0104
Tin	Substance	7440-31-5	0.8822	0.0104

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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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
lead	C2680	*Note	250	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	NICKEL CROWN ANODE	*Note	1,000,000	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	C2680	*Note	660,000	Yes
glass, oxide, chemicals	LCP-GF30	*Note	300,000	Yes

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**\*Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
C2680	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
NICKEL CROWN ANODE	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
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	1054051308		<b>Hazardous Substances</b>					
Part Name	Nano Fit SMT R/A Hdr 2X4 Blk 30u'G							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Nano Fit SMT R/A Hdr 2X4 Blk 30u'G			O	O	O	O	O	O
Nano Fit SMT R/A Hdr HSG 2X4 Blk			O	O	O	O	O	O
Nano Fit SMT R/A Hdr L TML 30u'G			O	O	O	O	O	O
Nano Fit SMT R/A Hdr L TML w/o plated			O	O	O	O	O	O
Nano Fit SMT R/A Hdr S TML 30u'G			O	O	O	O	O	O
Nano Fit SMT R/A Hdr S TML w/o plated			O	O	O	O	O	O
Nano Fit SMT R/A Hdr Clip-S tin			O	O	O	O	O	O
Nano Fit SMT R/A Hdr Clip-S w/o plated			O	O	O	O	O	O

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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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