

## 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** 0015249144 **Part Weight** 5.56G

**Part Name** MiniFit BMI RA Hdr Tin V-0 14Ckt

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit BMI RA Hdr Tin V-0 14Ckt	Assembly		100	5.56
14CKT RT ANGLE HEADER 4240414B1	Component		42.2122	2.347
PA66 UF NATURAL	Material		42.2122	2.347
PA66	Substance		36.3025	2.01842
Flame Retardant, ISO 1043-4 FR(30)	Substance		5.0655	0.28164
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.4221	0.02347
Calcium distearate	Substance	1592-23-0	0.4221	0.02347
.720 X .042 Sq. Bando pin 222 Matte Tin	Assembly		22.7878	1.267
0.720 X .042 Sq Bando Pin 999	Component		22.2842	1.239
Cartridge Brass 70% Unplated	Material		22.2842	1.239
Copper	Substance	7440-50-8	15.5989	0.8673
Zinc (metal)	Substance	7440-66-6	6.6853	0.3717
Tin Plating	Material		0.3147	0.0175

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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	Substance	7440-31-5	0.3147	0.0175
Nickel Plating	Material		0.1888	0.0105
Nickel	Substance	7440-02-0	0.1888	0.010499
Further Additives	Substance	system	2E-5	0.000001
1.106 X .042 Sq Bando Pin 222 Matte Tin	Assembly		35	1.946
1.106 X .042 Sq Bando Pin 999	Component		34.1187	1.897
Cartridge Brass 70% Unplated	Material		34.1187	1.897
Copper	Substance	7440-50-8	23.8831	1.3279
Zinc (metal)	Substance	7440-66-6	10.2356	0.5691
Tin Plating	Material		0.2518	0.014
Tin	Substance	7440-31-5	0.2518	0.014
Nickel Plating	Material		0.6295	0.035
Nickel	Substance	7440-02-0	0.6294	0.034997
Further Additives	Substance	system	6E-5	0.000004

## ROHS Declaration Information

**Regulatory Revision**    2011/65/EU

**Compliance Status**    Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

**Regulatory Revision** ED/01/2017 (12 January 2017)

### 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	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Nickel	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
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)

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## HFLH Declaration Information

**Regulatory Revision** IEC 61249-2-21


### Contained Substances Exceeding Threshold

None

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China ROHS Declaration Information

Part Number 0015249144		<b>Hazardous Substances</b>					
Part Name MiniFit BMI RA Hdr Tin V-0 14Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MiniFit BMI RA Hdr Tin V-0 14Ckt	O	O	O	O	O	O	
14CKT RT ANGLE HEADER 4240414B1	O	O	O	O	O	O	
.720 X .042 Sq. Bando pin 222 Matte Tin	O	O	O	O	O	O	
0.720 X .042 Sq Bando Pin 999	O	O	O	O	O	O	
1.106 X .042 Sq Bando Pin 222 Matte Tin	O	O	O	O	O	O	
1.106 X .042 Sq Bando Pin 999	O	O	O	O	O	O	

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	240
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Mar 3, 2017