

## 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** 0015246100 **Part Weight** 4.041G

**Part Name** MiniFit BMI RA Hdr Tin V-2 10Ckt

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit BMI RA Hdr Tin V-2 10Ckt	Assembly		100	4.041
10CKT BLIND MATE HOUSING 4240410A1	Component		43.2071	1.746
PA66 UF NATURAL	Material		43.2071	1.746
Further Additives	Substance	system	0.4321	0.01746
PA66	Substance		42.7751	1.72854
.720 X .042 Sq. Bando pin 222 Matte Tin	Assembly		22.3954	0.905
0.720 X .042 Sq Bando Pin 999	Component		21.9005	0.885
Cartridge Brass 70% Unplated	Material		21.9005	0.885
Copper	Substance	7440-50-8	15.3304	0.6195
Zinc (metal)	Substance	7440-66-6	6.5702	0.2655
Tin Plating	Material		0.3093	0.0125
Tin	Substance	7440-31-5	0.3093	0.0125
Nickel Plating	Material		0.1856	0.0075

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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	0.1856	0.007499
Further Additives	Substance	system	2E-5	8E-7
1.106 X .042 Sq Bando Pin 222 Matte Tin	Assembly		34.3974	1.39
1.106 X .042 Sq Bando Pin 999	Component		33.5313	1.355
Cartridge Brass 70% Unplated	Material		33.5313	1.355
Copper	Substance	7440-50-8	23.4719	0.9485
Zinc (metal)	Substance	7440-66-6	10.0594	0.4065
Tin Plating	Material		0.2475	0.01
Tin	Substance	7440-31-5	0.2475	0.01
Nickel Plating	Material		0.6187	0.025
Nickel	Substance	7440-02-0	0.6186	0.024997
Further Additives	Substance	system	6E-5	0.000003

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/30/2017 (7 July 2017)

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
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes

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

Exemptions

Part Name	Exemption
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	0015246100		<div>Hazardous Substances</div>					
Part Name	MiniFit BMI RA Hdr Tin V-2 10Ckt							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MiniFit BMI RA Hdr Tin V-2 10Ckt			O	O	O	O	O	O
10CKT BLIND MATE HOUSING 4240410A1			O	O	O	O	O	O

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.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

Jul 25, 2017