

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 0015249144 **Part Weight** 5.56G

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

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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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

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/cm ² /week)

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		Hazardous Substances				
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	○	○	○	○	○	○
14CKT RT ANGLE HEADER 4240414B1	○	○	○	○	○	○
.720 X .042 Sq. Bando pin 222 Matte Tin	○	○	○	○	○	○
0.720 X .042 Sq Bando Pin 999	○	○	○	○	○	○
1.106 X .042 Sq Bando Pin 222 Matte Tin	○	○	○	○	○	○
1.106 X .042 Sq Bando Pin 999	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	M5n-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

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