

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 0015249184 **Part Weight** 7.033G

Part Name MiniFit BMI RA Hdr Tin V-0 18Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit BMI RA Hdr Tin V-0 18Ckt	Assembly		100	7.033
18CKT BLIND MATE HOUSING 4240418B1	Component		41.2626	2.902
PA66 UF NATURAL	Material		41.2626	2.902
PA66	Substance		35.4859	2.49572
Flame Retardant, ISO 1043-4 FR(30)	Substance		4.9515	0.34824
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.4126	0.02902
Calcium distearate	Substance	1592-23-0	0.4126	0.02902
.720 X .042 Sq. Bando pin 222 Matte Tin	Assembly		23.1622	1.629
0.720 X .042 Sq Bando Pin 999	Component		22.6504	1.593
Cartridge Brass 70% Unplated	Material		22.6504	1.593
Copper	Substance	7440-50-8	15.8553	1.1151
Zinc (metal)	Substance	7440-66-6	6.7951	0.4779
Tin Plating	Material		0.3199	0.0225

Form Rev - F

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	0.3199	0.0225
Nickel Plating	Material		0.192	0.0135
Nickel	Substance	7440-02-0	0.1919	0.013499
Further Additives	Substance	system	2E-5	0.000001
1.106 X .042 Sq Bando Pin 222 Matte Tin	Assembly		35.5751	2.502
1.106 X .042 Sq Bando Pin 999	Component		34.6794	2.439
Cartridge Brass 70% Unplated	Material		34.6794	2.439
Copper	Substance	7440-50-8	24.2756	1.7073
Zinc (metal)	Substance	7440-66-6	10.4038	0.7317
Tin Plating	Material		0.2559	0.018
Tin	Substance	7440-31-5	0.2559	0.018
Nickel Plating	Material		0.6398	0.045
Nickel	Substance	7440-02-0	0.6398	0.044995
Further Additives	Substance	system	6E-5	0.000005

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/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
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 Cu (electrodeposited Copper Coatings)	*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

Form Rev - F

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.

China ROHS Declaration Information

Part Number 0015249184		Hazardous Substances					
Part Name MiniFit BMI RA Hdr Tin V-0 18Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MiniFit BMI RA Hdr Tin V-0 18Ckt	O	O	O	O	O	O	
18CKT BLIND MATE HOUSING 4240418B1	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

Form Rev - F

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.