

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 0015246060 **Part Weight** 2.976G

Part Name MiniFit BMI RA Hdr Tin V-2 6Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit BMI RA Hdr Tin V-2 6Ckt	Assembly		100	2.976
6CKT BLIND MATE HOUSING 4240406A1	Component		53.7298	1.599
PA66	Material		53.7298	1.599
PA66	Substance		53.4612	1.591005
Further Additives, not to declare	Substance	system	0.2686	0.007995
.720 X .042 Sq. Bando pin 222 Matte Tin	Assembly		18.246	0.543
0.720 X .042 Sq Bando Pin 999	Component		17.8427	0.531
Cartridge Brass 70% Unplated	Material		17.8427	0.531
Copper	Substance	7440-50-8	12.4899	0.3717
Zinc (metal)	Substance	7440-66-6	5.3528	0.1593
Tin Plating	Material		0.252	0.0075
Tin	Substance	7440-31-5	0.252	0.0075
Nickel Plating	Material		0.1512	0.0045

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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	0.1512	0.0045
Further Additives, not to declare	Substance	system	2E-05	5E-07
1.106 X .042 Sq Bando Pin 222 Matte Tin	Assembly		28.0242	0.834
1.106 X .042 Sq Bando Pin 999	Component		27.3185	0.813
Cartridge Brass 70% Unplated	Material		27.3185	0.813
Copper	Substance	7440-50-8	19.123	0.5691
Zinc (metal)	Substance	7440-66-6	8.1956	0.2439
Tin Plating	Material		0.2016	0.006
Tin	Substance	7440-31-5	0.2016	0.006
Nickel Plating	Material		0.504	0.015
Nickel	Substance	7440-02-0	0.504	0.014998
Further Additives, not to declare	Substance	system	5E-05	0.000002

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

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	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	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
	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

China ROHS Declaration Information

Part Number 0015246060		Hazardous Substances				
Part Name MiniFit BMI RA Hdr Tin V-2 6Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MiniFit BMI RA Hdr Tin V-2 6Ckt	○	○	○	○	○	○
6CKT BLIND MATE HOUSING 4240406A1	○	○	○	○	○	○
.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	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

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