

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 0015247161 **Part Weight** 3.283429G

Part Name MiniFit BMI Vt Rcpt Hdr Tin V-0 16Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit BMI Vt Rcpt Hdr Tin V-0 16Ckt	Assembly		100	3.283429
42385-16B0 500196-125	Component		52.2624	1.716
PA66 NATURAL	Material		52.2624	1.716
PA66	Substance		46.0693	1.512654
Flame Retardant, ISO 1043-4 FR(30)	Substance		4.573	0.15015
Further Additives, not to declare	Substance	system	1.6201	0.053196
PC TAIL NEG FEMALE TERM W/SCORE	Component		23.8688	0.783714
Cartridge Brass 70% Unplated	Material		23.4389	0.7696
Copper	Substance	7440-50-8	16.4072	0.53872
Zinc (metal)	Substance	7440-66-6	7.0317	0.23088
Tin Plating	Material		0.268	0.0088
Tin	Substance	7440-31-5	0.268	0.0088
Nickel Plating	Material		0.1619	0.005314

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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	0.1618	0.005314
Further Additives, not to declare	Substance	system	2E-05	5E-07
PC TAIL POS FEMALE TERM W/SCORE	Component		23.8688	0.783714
Cartridge Brass 70% Unplated	Material		23.4389	0.7696
Copper	Substance	7440-50-8	16.4072	0.53872
Zinc (metal)	Substance	7440-66-6	7.0317	0.23088
Tin Plating	Material		0.268	0.0088
Tin	Substance	7440-31-5	0.268	0.0088
Nickel Plating	Material		0.1619	0.005314
Nickel	Substance	7440-02-0	0.1618	0.005314
Further Additives, not to declare	Substance	system	2E-05	5E-07

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)9139-DC (19 Jan 2021)

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 0015247161		Hazardous Substances				
Part Name MiniFit BMI Vt Rcpt Hdr Tin V-0 16Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MiniFit BMI Vt Rcpt Hdr Tin V-0 16Ckt	○	○	○	○	○	○
42385-16B0 500196-125	○	○	○	○	○	○
PC TAIL NEG FEMALE TERM W/SCORE	○	○	○	○	○	○
PC TAIL POS FEMALE TERM W/SCORE	○	○	○	○	○	○

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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