

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 0015247181 **Part Weight** 3.679785G

Part Name MiniFit BMI Vt Rcpt Hdr Assy V-0 18Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit BMI Vt Rcpt Hdr Assy V-0 18Ckt	Assembly		100	3.679785
42385-18B0 505273-125	Component		52.0954	1.917
PA66 UF NATURAL	Material		52.0954	1.917
PA66	Substance		44.8021	1.64862
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.2515	0.23004
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.521	0.01917
Calcium distearate	Substance	1592-23-0	0.521	0.01917
PC TAIL NEG FEMALE TERM W/SCORE	Component		23.9523	0.881393
Cartridge Brass 70% Unplated	Material		23.553	0.8667
Copper	Substance	7440-50-8	16.4871	0.60669
Zinc (metal)	Substance	7440-66-6	7.0659	0.26001
Tin Plating	Material		0.2446	0.009
Tin	Substance	7440-31-5	0.2446	0.009

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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 Plating	Material		0.1547	0.005692
Nickel	Substance	7440-02-0	0.1547	0.005692
Further Additives	Substance	system	2E-5	6E-7
PC TAIL POS FEMALE TERM W/SCORE	Component		23.9523	0.881393
Cartridge Brass 70% Unplated	Material		23.553	0.8667
Copper	Substance	7440-50-8	16.4871	0.60669
Zinc (metal)	Substance	7440-66-6	7.0659	0.26001
Tin Plating	Material		0.2446	0.009
Tin	Substance	7440-31-5	0.2446	0.009
Nickel Plating	Material		0.1547	0.005692
Nickel	Substance	7440-02-0	0.1547	0.005692
Further Additives	Substance	system	2E-5	6E-7

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

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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	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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
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	0015247181							
Part Name	MiniFit BMI Vt Rcpt Hdr Assy V-0 18Ckt							
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 Assy V-0 18Ckt	O	O	O	O	O	O
42385-18B0 505273-125	O	O	O	O	O	O
PC TAIL NEG FEMALE TERM W/SCORE	O	O	O	O	O	O
PC TAIL POS FEMALE TERM W/SCORE	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

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