

## Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

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### Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

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### Part Information

**Part Number** 0015247140 **Part Weight** 2.8525G

**Part Name** Mini-Fit Header Assy V-2 14Ckt

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Mini-Fit Header Assy V-2 14Ckt	Assembly		100	2.8525
42385-14A0 505192-1	Component		51.9194	1.481
PA66	Material		51.9194	1.481
PA66	Substance		51.6598	1.473595
Further Additives, not to declare	Substance	system	0.2596	0.007405
PC TAIL NEG FEMALE TERM W/SCORE	Component		24.0403	0.68575
Cartridge Brass 70% Unplated	Material		23.6074	0.6734
Copper	Substance	7440-50-8	16.5252	0.47138
Zinc (metal)	Substance	7440-66-6	7.0822	0.20202
Tin Plating	Material		0.2699	0.0077
Tin	Substance	7440-31-5	0.2699	0.0077
Nickel Plating	Material		0.163	0.00465
Nickel	Substance	7440-02-0	0.163	0.00465

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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)
Further Additives, not to declare	Substance	system	2E-05	5E-07
PC TAIL POS FEMALE TERM W/SCORE	Component		24.0403	0.68575
Cartridge Brass 70% Unplated	Material		23.6074	0.6734
Copper	Substance	7440-50-8	16.5252	0.47138
Zinc (metal)	Substance	7440-66-6	7.0822	0.20202
Tin Plating	Material		0.2699	0.0077
Tin	Substance	7440-31-5	0.2699	0.0077
Nickel Plating	Material		0.163	0.00465
Nickel	Substance	7440-02-0	0.163	0.00465
Further Additives, not to declare	Substance	system	2E-05	5E-07

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**ROHS Declaration Information**

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

**Contained Substances Exceeding Threshold**

None

**Exemptions**

None

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**REACH-SVHC Declaration Information**

**Regulatory Revision** D(2020)4578-DC (25 June 2020)

**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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*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
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	0015247140							
Part Name	Mini-Fit Header Assy V-2 14Ckt							
Part Information								
			<b>Hazardous Substances</b>					
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Mini-Fit Header Assy V-2 14Ckt	O	O	O	O	O	O
42385-14A0 505192-1	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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