

## 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** 0015977042 **Part Weight** 1.566G

**Part Name** MINIFIT VERT. HDR ASSY TPA W/FLG 4CKT

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINIFIT VERT. HDR ASSY TPA W/FLG 4CKT	Assembly		100	1.566
MINIFIT VERT. HDR TPA W/O DH W/FLG 4CKT	Component		83.908	1.314
PBT UF BLACK	Material		83.908	1.314
PBT	Substance		54.9598	0.86067
Antimonytrioxide	Substance	1309-64-4	8.3908	0.1314
Further Additives	Substance	system	7.9713	0.12483
Flame Retardant, ISO 1043-4 FR(17)	Substance		12.5862	0.1971
MiniFit Jr PC Term Hdr	Assembly		16.092	0.252
MINIFIT PC TAIL TERMINAL 5565AGSWOP	Component		15.3257	0.24
Cartridge Brass 70% Unplated	Material		15.3257	0.24
Copper	Substance	7440-50-8	10.728	0.168
Zinc (metal)	Substance	7440-66-6	4.5977	0.072
Copper Plating	Material		0.3065	0.0048

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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)
Copper	Substance	7440-50-8	0.3065	0.0048
Tin Plating	Material		0.4598	0.0072
Tin	Substance	7440-31-5	0.4598	0.0072

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

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
Antimonytrioxide	PBT UF BLACK	*Note	100,000	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	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


**HFLH Declaration Information**

**Regulatory Revision**   IEC 61249-2-21

**Contained Substances Exceeding Threshold**

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PBT UF BLACK	900	150,000	Yes
Bromine and Chlorine combined	PBT UF BLACK	1,500	150,000	Yes

**China ROHS Declaration Information**

Part Number    0015977042		<b>Hazardous Substances</b>					
Part Name       MINIFIT VERT. HDR ASSY TPA W/ FLG 4CKT							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MINIFIT VERT. HDR ASSY TPA W/FLG 4CKT		O	O	O	O	O	O
MINIFIT VERT. HDR TPA W/O DH W/FLG 4CKT		O	O	O	O	O	O
MiniFit Jr PC Term Hdr		O	O	O	O	O	O
MINIFIT PC TAIL TERMINAL    5565AGSWOP		O	O	O	O	O	O

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## Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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