

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 0015977124 **Part Weight** 3.644065G

Part Name MINIFIT VERT. HDR ASSY TPA W/FLG 12CKT

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINIFIT VERT. HDR ASSY TPA W/FLG 12CKT	Assembly		100	3.644065
MINIFIT VERT. HDR TPA W/O DH W/FLG 12CKT	Component		79.5815	2.9
PBT UF BLACK	Material		79.5815	2.9
PBT	Substance		52.1259	1.8995
Antimonytrioxide	Substance	1309-64-4	7.9581	0.29
Further Additives	Substance	system	7.5602	0.2755
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.9372	0.435
MINIFIT PC TAIL TERMINAL 5565AGS	Assembly		20.4185	0.744065
MINIFIT PC TAIL TERMINAL 5565AGSWOP	Component		19.7582	0.72
Cartridge Brass 70% Unplated	Material		19.7582	0.72
Copper	Substance	7440-50-8	13.8307	0.504
Zinc (metal)	Substance	7440-66-6	5.9274	0.216
Gold Plating	Material		0.0641	0.002335

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Cobalt	Substance	7440-48-4	0.0002	0.000006
Nickel	Substance	7440-02-0	0.0002	0.000006
Gold	Substance	7440-57-5	0.0638	0.002324
Nickel Plating	Material		0.3952	0.0144
Nickel	Substance	7440-02-0	0.3951	0.014399
Further Additives	Substance	system	4E-5	0.000001
Tin Plating	Material		0.2011	0.00733
Tin	Substance	7440-31-5	0.2011	0.00733

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/01/2017 (12 January 2017)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

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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
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	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
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
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

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

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China ROHS Declaration Information

Part Number 0015977124		Hazardous Substances					
Part Name MINIFIT VERT. HDR ASSY TPA W/ FLG 12CKT							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MINIFIT VERT. HDR ASSY TPA W/FLG 12CKT	O	O	O	O	O	O	
MINIFIT VERT. HDR TPA W/O DH W/FLG 12CKT	O	O	O	O	O	O	
MINIFIT PC TAIL TERMINAL 5565AGS	O	O	O	O	O	O	
MINIFIT PC TAIL TERMINAL 5565AGSWOP	O	O	O	O	O	O	

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

May 20, 2017

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