

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 0039294109 **Part Weight** 3.755438G

Part Name MiniFit Jr RA DR /Flgs 30Au V-0 10Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit Jr RA DR /Flgs 30Au V-0 10Ckt	Assembly		100	3.755438
1.012 X .042 Sq Bando Pin 228 Plt	Assembly		33.4166	1.254939
1.012 X .042 Sq Bando Pin 999	Component		33.0188	1.24
Cartridge Brass 70% Unplated	Material		33.0188	1.24
Copper	Substance	7440-50-8	23.1131	0.868
Zinc (metal)	Substance	7440-66-6	9.9056	0.372
Gold Plating	Material		0.0532	0.001999
Cobalt	Substance	7440-48-4	0.0001	0.000005
Nickel	Substance	7440-02-0	0.0001	0.000005
Gold	Substance	7440-57-5	0.053	0.001989
Nickel Plating	Material		0.2796	0.0105
Nickel	Substance	7440-02-0	0.2796	0.010499
Further Additives, not to declare	Substance	system	3E-05	0.000001

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.065	0.002439
Tin	Substance	7440-31-5	0.065	0.00244
0.634 X .042 Sq Bando Pin 228 Plt	Assembly		20.903	0.785
0.634 X .042 Sq Bando Pin 999	Component		19.971	0.75
Cartridge Brass 70% Unplated	Material		19.971	0.75
Copper	Substance	7440-50-8	13.9797	0.525
Zinc (metal)	Substance	7440-66-6	5.9913	0.225
Gold Plating	Material		0.1731	0.0065
Cobalt	Substance	7440-48-4	0.0004	0.000016
Nickel	Substance	7440-02-0	0.0004	0.000016
Gold	Substance	7440-57-5	0.1722	0.006467
Tin Plating	Material		0.1997	0.0075
Tin	Substance	7440-31-5	0.1997	0.0075
Nickel Plating	Material		0.5592	0.021
Nickel	Substance	7440-02-0	0.5591	0.020998
Further Additives, not to declare	Substance	system	6E-05	0.000002
NEW MINI FIT HEADER HSG	Component		45.6804	1.7155
PA66 NATURAL	Material		45.6804	1.7155
PA66	Substance		40.2673	1.512213
Flame Retardant, ISO 1043-4 FR(30)	Substance		3.997	0.150106
Further Additives, not to declare	Substance	system	1.4161	0.05318

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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

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]	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	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/>

Part Name	Exemption
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Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
	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

None

China ROHS Declaration Information

Part Number 0039294109		Hazardous Substances				
Part Name MiniFit Jr RA DR /Flgs 30Au V-0 10Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MiniFit Jr RA DR /Flgs 30Au V-0 10Ckt	O	O	O	O	O	O
1.012 X .042 Sq Bando Pin 228 Plt	O	O	O	O	O	O
1.012 X .042 Sq Bando Pin 999	O	O	O	O	O	O
0.634 X .042 Sq Bando Pin 228 Plt	O	O	O	O	O	O
0.634 X .042 Sq Bando Pin 999	O	O	O	O	O	O
NEW MINI FIT HEADER HSG	O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass

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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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