

## 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** 1724480002 **Part Weight** 0.96G

**Part Name** MiniFit Jr RA DR/Pegs Tin Glow Wire 2Ckt

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit Jr RA DR/Pegs Tin Glow Wire 2Ckt	Assembly		100	0.96
1.012 X .042 Sq. Bando pin 222 MatteTin	Assembly		26.7708	0.257
1.012 X .042 Sq Bando Pin 999	Component		25.8333	0.248
Cartridge Brass 70% Unplated	Material		25.8333	0.248
Copper	Substance	7440-50-8	18.0833	0.1736
Zinc (metal)	Substance	7440-66-6	7.75	0.0744
Nickel Plating	Material		0.3542	0.0034
Nickel	Substance	7440-02-0	0.3541	0.0034
Further Additives, not to declare	Substance	system	4E-05	3E-07
Tin Plating	Material		0.5833	0.0056
Tin	Substance	7440-31-5	0.5833	0.0056
.634 X .042 Sq. Bando pin 222 Matte Tin	Assembly		17.1875	0.165
0.634 X .042 Sq Bando Pin 999	Component		15.625	0.15

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Cartridge Brass 70% Unplated	Material		15.625	0.15
Copper	Substance	7440-50-8	10.9375	0.105
Zinc (metal)	Substance	7440-66-6	4.6875	0.045
Nickel Plating	Material		0.4167	0.004
Nickel	Substance	7440-02-0	0.4166	0.004
Further Additives, not to declare	Substance	system	4E-05	4E-07
Tin Plating	Material		1.1458	0.011
Tin	Substance	7440-31-5	1.1458	0.011
MiniFit Jr RA Hdr Hsg 2 ckt Glow Wire	Component		56.0417	0.538
PA6 BLACK	Material		56.0417	0.538
PA6	Substance		43.7125	0.41964
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.0823	0.02959
Antimonytrioxide	Substance	1309-64-4	1.401	0.01345
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.1646	0.05918
Pigment portion, not to declare	Substance	system	0.8406	0.00807
Further Additives, not to declare	Substance	system	0.8406	0.00807

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(2021)10043-DC (17 Jan 2022)

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
Antimonytrioxide	PA6 BLACK	*Note	30,000	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


Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PA6 BLACK	900	60,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and Chlorine combined	PA6 BLACK	1,500	60,000	Yes

### China ROHS Declaration Information

Part Number    1724480002		<div>Hazardous Substances</div>				
Part Name       MiniFit Jr RA DR/Pegs Tin Glow Wire 2Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MiniFit Jr RA DR/Pegs Tin Glow Wire 2Ckt	O	O	O	O	O	O
1.012 X .042 Sq. Bando pin 222 MatteTin	O	O	O	O	O	O
1.012 X .042 Sq Bando Pin 999	O	O	O	O	O	O
.634 X .042 Sq. Bando pin 222 Matte Tin	O	O	O	O	O	O
0.634 X .042 Sq Bando Pin 999	O	O	O	O	O	O
MiniFit Jr RA Hdr Hsg 2 ckt Glow Wire	O	O	O	O	O	O

### Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

### 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)	220
Maximum Cycles at Reflow Temperature	001

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J-STD-020 Moisture Sensitivity Level	N/A
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May 12, 2022

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