

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 0039000185 **Part Weight** 0.129938G

Part Name MiniFit Term Crp Fem Chn Bz 30Au 16awg

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit Term Crp Fem Chn Bz 30Au 16awg	Component		100	0.129938
Phosphor Bronze 5% Unplated	Material		98.2776	0.1277
Copper	Substance	7440-50-8	93.2163	0.121123
Tin	Substance	7440-31-5	4.9139	0.006385
Phosphorus	Substance	7723-14-0	0.1474	0.000192
Gold Plating	Material		0.0415	0.000054
Cobalt	Substance	7440-48-4	0.0001	1E-7
Nickel	Substance	7440-02-0	0.0001	1E-7
Gold	Substance	7440-57-5	0.0413	0.000054
Nickel Plating	Material		0.9235	0.0012
Nickel	Substance	7440-02-0	0.9234	0.0012
Further Additives	Substance	system	9E-5	1E-7
Tin Plating	Material		0.7574	0.000984

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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)
Tin	Substance	7440-31-5	0.7574	0.000984

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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	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	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes

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***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Phosphor Bronze 5% A (CA510)	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)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0039000185		Hazardous Substances					
Part Name MiniFit Term Crp Fem Chn Bz 30Au 16awg							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MiniFit Term Crp Fem Chn Bz 30Au 16awg		○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	N/A
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	N/A

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Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

Jul 28, 2017

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