

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 0039000181 **Part Weight** 0.129979G

Part Name MiniFit Term Crp Fem Chn Bz 30Au 18-24

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MiniFit Term Crp Fem Chn Bz 30Au 18-24	Component		100	0.129979
Phosphor Bronze 5% Unplated	Material		98.1699	0.1276
Copper	Substance	7440-50-8	93.1141	0.121029
Tin	Substance	7440-31-5	4.9085	0.00638
Phosphorus	Substance	7723-14-0	0.1473	0.000191
Gold Plating	Material		0.0606	0.000079
Cobalt	Substance	7440-48-4	0.0002	2E-07
Nickel	Substance	7440-02-0	0.0002	2E-07
Gold	Substance	7440-57-5	0.0603	0.000078
Nickel Plating	Material		1.0002	0.0013
Nickel	Substance	7440-02-0	1.0001	0.0013
Further Additives, not to declare	Substance	system	0.0001	1E-07
Tin Plating	Material		0.7694	0.001

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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	0.7694	0.001

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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	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)	34 Not applicable
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

EU MDR Substances

Contained Reportable Substances

Substance Group	Substance Location	Concentration (PPM)
Copper and its compounds	Phosphor Bronze 5% Unplated	948,500

China ROHS Declaration Information

Part Number	0039000181		Hazardous Substances					
Part Name	MiniFit Term Crp Fem Chn Bz 30Au 18-24							
Part Information								
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MiniFit Term Crp Fem Chn Bz 30Au 18-24		○	○	○	○	○	○	

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Additional Information

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

Process Information

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

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