

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 1720631312 **Part Weight** 0.348038G

Part Name Mega-Fit Female Crimp 12 AWG 30 Gold

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Mega-Fit Female Crimp 12 AWG 30 Gold	Assembly		100	0.348038
Mega Fit Term 12 AWG Blank 30 Gold	Assembly		100	0.348038
MegaFit terminal blank 12Ga unplt-AU	Component		96.8285	0.337
HSM Copper Unplated	Material		96.8285	0.337
Copper	Substance	7440-50-8	96.7002	0.336553
Phosphorus	Substance	7723-14-0	0.0315	0.00011
Iron	Substance	7439-89-6	0.0968	0.000337
Gold Plating	Material		0.1995	0.000694
Cobalt	Substance	7440-48-4	0.0005	0.000002
Nickel	Substance	7440-02-0	0.0005	0.000002
Gold	Substance	7440-57-5	0.1985	0.000691
Tin Plating	Material		0.0988	0.000344
Tin	Substance	7440-31-5	0.0988	0.000344

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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)
Nickel Plating	Material		2.8732	0.01
Nickel	Substance	7440-02-0	2.873	0.009999
Further Additives, not to declare	Substance	system	0.0003	0.000001

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		*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

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

Exemptions

Part Name	Exemption
	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	1720631312		Hazardous Substances				
Part Name	Mega-Fit Female Crimp 12 AWG 30 Gold						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Mega-Fit Female Crimp 12 AWG 30 Gold		○	○	○	○	○	○
Mega Fit Term 12 AWG Blank 30 Gold		○	○	○	○	○	○
MegaFit terminal blank 12Ga unplt-AU		○	○	○	○	○	○

Process Information

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

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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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