

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 0039291068 **Part Weight** 2.4376G

Part Name 6CKT R/A MINI FIT HEADER 556906A1

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
6CKT R/A MINI FIT HEADER 556906A1	Assembly		100	2.4376
NEW MINI FIT HEADER HSG	Component		49.1959	1.1992
PA66 NATURAL	Material		49.1959	1.1992
PA66	Substance		48.212	1.175216
Further Additives, not to declare	Substance	system	0.9839	0.023984
. SQ WIRE R/A PIN . X .	Component		19.5684	0.477
sn	Material		0.0391	0.000954
Tin	Substance	7440-31-5	0.0391	0.000954
ni	Material		0.0196	0.000477
Nickel	Substance	7440-02-0	0.0196	0.000477
brass	Material		19.5097	0.475569
Copper	Substance	7440-50-8	12.6813	0.30912
Zinc (metal)	Substance	7440-66-6	6.8284	0.166449

Form Rev - F

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)
. SQ WIRE R/A PIN . X .	Component		31.2356	0.7614
sn	Material		0.0625	0.001523
Tin	Substance	7440-31-5	0.0625	0.001523
ni	Material		0.0312	0.000761
Nickel	Substance	7440-02-0	0.0312	0.000761
brass	Material		31.1419	0.759116
Copper	Substance	7440-50-8	20.2423	0.493425
Zinc (metal)	Substance	7440-66-6	10.8997	0.265691

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)4569-DC (8 July 2021)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Form Rev - F

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.

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
nickel powder [particle diameter < 1 mm]	ni	*Note	1,000,000	Yes
copper	brass	*Note	650,000	Yes

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

Exemptions

Part Name	Exemption
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	0039291068		<div>Hazardous Substances</div>					
Part Name	6CKT R/A MINI FIT HEADER 556906A1							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
6CKT R/A MINI FIT HEADER 556906A1			O	O	O	O	O	O
NEW MINI FIT HEADER HSG			O	O	O	O	O	O
. SQ WIRE R/A PIN . X .			O	O	O	O	O	O
. SQ WIRE R/A PIN . X .			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)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Aug 30, 2021

Form Rev - F

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.