

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 0039291187 **Part Weight** 6.4632G

Part Name 18CKT R/A MINI FIT HEADER

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
18CKT R/A MINI FIT HEADER	Assembly		100	6.4632
NEW MINI FIT HEADER HSG	Component		42.5176	2.748
PA66 NATURAL	Material		42.5176	2.748
PA66	Substance		36.7352	2.374272
Flame Retardant, ISO 1043-4 FR(30)	Substance		4.4644	0.28854
Further Additives, not to declare	Substance	system	1.318	0.085188
. SQ WIRE R/A PIN . X .	Component		22.1407	1.431
sn	Material		0.0443	0.002862
Tin	Substance	7440-31-5	0.0443	0.002862
ni	Material		0.0221	0.001431
Nickel	Substance	7440-02-0	0.0221	0.001431
brass	Material		22.0743	1.426707
Copper	Substance	7440-50-8	14.3483	0.92736

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)
Zinc (metal)	Substance	7440-66-6	7.726	0.499347
. SQ WIRE R/A PIN . X .	Component		35.3416	2.2842
sn	Material		0.0707	0.004568
Tin	Substance	7440-31-5	0.0707	0.004568
ni	Material		0.0353	0.002284
Nickel	Substance	7440-02-0	0.0353	0.002284
brass	Material		35.2356	2.277347
Copper	Substance	7440-50-8	22.9031	1.480276
Zinc (metal)	Substance	7440-66-6	12.3325	0.797072

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
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 0039291187							
Part Name 18CKT R/A MINI FIT HEADER							
Part Information		Hazardous Substances					
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
18CKT R/A MINI FIT HEADER		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

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.

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

Feb 26, 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.