

## Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

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### Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

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### Part Information

**Part Number** 0039291208 **Part Weight** 7.134G

**Part Name** 20CKT R/A NEW MINI FIT HDR AS 556920A1

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
20CKT R/A NEW MINI FIT HDR AS 556920A1	Assembly		100	7.134
NEW MINI FIT HEADER HSG	Component		42.1362	3.006
PA66 NATURAL	Material		42.1362	3.006
PA66	Substance		41.2935	2.94588
Further Additives, not to declare	Substance	system	0.8427	0.06012
. SQ WIRE R/A PIN . X .	Component		22.2876	1.59
sn	Material		0.0446	0.00318
Tin	Substance	7440-31-5	0.0446	0.00318
ni	Material		0.0223	0.00159
Nickel	Substance	7440-02-0	0.0223	0.00159
brass	Material		22.2208	1.58523
Copper	Substance	7440-50-8	14.4435	1.030399
Zinc (metal)	Substance	7440-66-6	7.7773	0.554831

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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)
. SQ WIRE R/A PIN . X .	Component		35.5761	2.538
sn	Material		0.0712	0.005076
Tin	Substance	7440-31-5	0.0712	0.005076
ni	Material		0.0356	0.002538
Nickel	Substance	7440-02-0	0.0356	0.002538
brass	Material		35.4694	2.530386
Copper	Substance	7440-50-8	23.0551	1.644751
Zinc (metal)	Substance	7440-66-6	12.4143	0.885635

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## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

**Regulatory Revision** D(2021)4569-DC (8 July 2021)

### Contained Substances Exceeding Threshold

None

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## GADSL Declaration Information

**Regulatory Revision** GADSL imported from IMDS

### Contained Substances Exceeding Threshold

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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	0039291208		<div>Hazardous Substances</div>					
Part Name	20CKT R/A NEW MINI FIT HDR AS 556920A1							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
20CKT R/A NEW MINI FIT HDR AS 556920A1			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

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## Additional Information

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

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## 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

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