

## 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** 0039291028 **Part Weight** 1.105G

**Part Name** 2CKT R/A MINI FIT HEADER 556902A1

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
2CKT R/A MINI FIT HEADER 556902A1	Assembly		100	1.105
MINI FIT JR R/A HEADER HSG, 4 CKT	Component		61.81	0.683
PA66 UF NATURAL	Material		61.81	0.683
Further Additives	Substance	system	0.6181	0.00683
PA66	Substance		61.1919	0.67617
1.012 X .042 Sq. Bando pin 222 MatteTin	Assembly		23.2579	0.257
1.012 X .042 Sq Bando Pin 999	Component		22.4434	0.248
Cartridge Brass 70% Unplated	Material		22.4434	0.248
Copper	Substance	7440-50-8	15.7104	0.1736
Zinc (metal)	Substance	7440-66-6	6.733	0.0744
Tin Plating	Material		0.5068	0.0056
Tin	Substance	7440-31-5	0.5068	0.0056
Nickel Plating	Material		0.3077	0.0034

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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	Substance	7440-02-0	0.3077	0.0034
Further Additives	Substance	system	3E-5	3E-7
.634 X .042 Sq. Bando pin 222 Matte Tin	Assembly		14.9321	0.165
0.634 X .042 Sq Bando Pin 999	Component		13.5747	0.15
Cartridge Brass 70% Unplated	Material		13.5747	0.15
Copper	Substance	7440-50-8	9.5023	0.105
Zinc (metal)	Substance	7440-66-6	4.0724	0.045
Tin Plating	Material		0.9955	0.011
Tin	Substance	7440-31-5	0.9955	0.011
Nickel Plating	Material		0.362	0.004
Nickel	Substance	7440-02-0	0.362	0.004
Further Additives	Substance	system	4E-5	4E-7

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## ROHS Declaration Information

**Regulatory Revision** 2011/65/EU

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

**Regulatory Revision** ED/30/2017 (7 July 2017)

### Contained Substances Exceeding Threshold

None

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GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

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

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
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	0039291028		<div>Hazardous Substances</div>					
Part Name	2CKT R/A MINI FIT HEADER 556902A1							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
2CKT R/A MINI FIT HEADER 556902A1	O	O	O	O	O	O
MINI FIT JR R/A HEADER HSG, 4 CKT	O	O	O	O	O	O
1.012 X .042 Sq. Bando pin 222 MatteTin	O	O	O	O	O	O
1.012 X .042 Sq Bando Pin 999	O	O	O	O	O	O
.634 X .042 Sq. Bando pin 222 Matte Tin	O	O	O	O	O	O
0.634 X .042 Sq Bando Pin 999	O	O	O	O	O	O

## 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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