

# **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 0039291027 Part Weight 1.105G

Part Name 2CKT R/A MINI FIT HEADER 556902A1210

## **Product Composition**

Name	Туре	CAS Number	Proportion (% Total)	Mass (Grams)	
2CKT R/A MINI FIT HEADER 556902A1210	Assembly		100	1.105	
NEW MINI FIT HEADER HSG	Component		61.81	0.683	
PA66/6 UF IVORY	Material		61.81	0.683	
Flame Retardant, ISO 1043-4 FR(30)	Substance		3.3182	0.036666	
PA66/6	Substance		57.711	0.637706	
Further Additives	Substance	system	0.7808	0.008628	
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	

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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	Туре	CAS Number	Proportion (% Total)	Mass (Grams)	
Nickel Plating	Material		0.3077	0.0034	
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	

# **ROHS Declaration Information**

Regulatory Revision 2011/65/EU

Compliance Status Compliant

**Contained Substances Exceeding Threshold** 

None

**Exemptions** 

None

# **REACH-SVHC Declaration Information**

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

**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	Cartridge Brass 70% (CA260)	*Note	350	Yes	
	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	

<sup>\*</sup>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

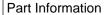
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# **China ROHS Declaration Information**

Part Number 0039291027

Part Name 2CKT R/A MINI FIT HEADER

556902A1210





## **Hazardous Substances**

Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
2CKT R/A MINI FIT HEADER 556902A1210	0	0	0	0	0	0
NEW MINI FIT HEADER HSG	0	0	0	0	0	0
1.012 X .042 Sq. Bando pin 222 MatteTin	0	0	0	0	0	0
1.012 X .042 Sq Bando Pin 999	0	0	0	0	0	0
.634 X .042 Sq. Bando pin 222 Matte Tin	0	0	0	0	0	0
0.634 X .042 Sq Bando Pin 999	0	0	0	0	0	0

## **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

Jul 31, 2017