

# Product Compliance Declaration

Please see [www.molex.com](http://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** 0022232081 **Part Weight** 0.918G

**Part Name** KK 100 Hdr FrLk Vert 08 Ckt Tin

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 Hdr FrLk Vert 08 Ckt Tin	Assembly		100	0.918
KK 100 Header FrLk 08 ckt	Component		54.6841	0.502
PA66/6 NATURAL	Material		54.6841	0.502
PA66/6	Substance		48.122	0.44176
Flame Retardant, ISO 1043-4 FR(30)	Substance		5.4684	0.0502
Further Additives, not to declare	Substance	system	1.0937	0.01004
.560 x .0261 Sq Brass Bando Pin Tin	Assembly		45.3159	0.416
.560 x .0261 Sq Brass Bando Pin Unplated	Component		42.7015	0.392
Cartridge Brass 70% Unplated	Material		42.7015	0.392
Copper	Substance	7440-50-8	29.8911	0.2744
Zinc (metal)	Substance	7440-66-6	12.8105	0.1176
Tin Plating	Material		1.6558	0.0152
Tin	Substance	7440-31-5	1.6558	0.0152

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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 Plating	Material		0.9586	0.0088
Nickel	Substance	7440-02-0	0.9585	0.008799
Further Additives, not to declare	Substance	system	1E-04	9E-07

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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)10043-DC (17 Jan 2022)

### 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
nickel powder [particle diameter < 1 mm]	Plating Nickel	*Note	990,000	Yes
copper	Brass	*Note	700,000	Yes

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

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## Exemptions

Part Name	Exemption
Plating Nickel	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm <sup>2</sup> /week)


## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

## Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

Part Number 0022232081		<b>Hazardous Substances</b>					
Part Name KK 100 Hdr FrLk Vert 08 Ckt Tin							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 100 Hdr FrLk Vert 08 Ckt Tin	○	○	○	○	○	○	
KK 100 Header FrLk 08 ckt	○	○	○	○	○	○	
.560 x .0261 Sq Brass Bando Pin Tin	○	○	○	○	○	○	
.560 x .0261 Sq Brass Bando Pin Unplated	○	○	○	○	○	○	

## 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

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Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	235
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Mar 2, 2022

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