

# Product Compliance Declaration



## Material Composition Data provided by:

**Request Date:** 21.02.2011

**Company Name:** Molex  
2222 Wellington Court  
Lisle, IL 60532  
US

## Person certifying the declaration is true and complete:

**Name:** Eric Jozefowski

**Title:**

**Phone:** +1-630-969-4747

**Email:** Eric.Jozefowski@molex.com

## Part Information

**Part Name:** KK 100 Hdr FrLk Vert 07 Ckt Tin      **Part Weight:** 0.808606 G

**Part Number:** 0022232071

**Comments:**

### 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.

**Form Rev.: E**

## RoHS Declaration

RoHS Compliant (per EU Directive 2002/95/EC)

## Exemptions per RoHS

None.

## Exemptions per GADSL

Part Name:	Description of the exemption
KK .025 Sq Pin 0.560 Tin	Concentration within acceptable GADSL limits

## Process Information

Name	Component Plating / Surface Finish	Termination Base Alloy	Solder Alloy	Process Capability	Exposure time (Sec Max)	Process Temp (Max C)	Max Cycles at Reflow Temp	J-STD-020 Moisture Sens. Level
KK 100 Hdr FrLk Vert 07 Ckt Tin	Tin-Copper	Brass	N/A	Wave Capable (TH only)	5	235	1	N/A

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (calculated)
KK 100 Hdr FrLk Vert 07 Ckt Tin	Component		100.00000 %	0.808606 G
KK .025 Sq Pin 0.560 Tin	Sub-Component		45.83270 %	0.370606 G
Cartridge Brass 70% Unplated	Material		43.63065 %	0.352800 G
Copper	Substance	7440-50-8	30.54145 %	0.246960 G
Zinc	Substance	7440-66-6	13.08919 %	0.105840 G
Copper Plating	Material		0.55724 %	0.004506 G
Copper	Substance	7440-50-8	0.55724 %	0.004506 G
Tin Plating	Material		1.64481 %	0.013300 G
Tin	Substance	7440-31-5	1.64481 %	0.013300 G
KK 100 Header FrLk 07 ckt	Sub-Component		54.16730 %	0.438000 G
PA66 NYLON UF NATURAL	Material		54.16730 %	0.438000 G
Further Additives	Substance	system	2.70837 %	0.021900 G
PA66	Substance		46.04221 %	0.372300 G
Flame Retardant, ISO 1043-4 FR(30)	Substance		5.41673 %	0.043800 G

## Contained Substances Exceeding RoHS Threshold

None.

## Contained Substances Exceeding REACH SVHC Threshold

None.

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**Contained Substances Exceeding GADSL Threshold**

Substance Group	Substance Location	Threshold	PPM of Substance
Copper	Cartridge Brass 70% (CA260)	None	715000.000000
Copper	e-plate Cu (electrodeposited Copper Coatings)	None	999625.000000

**Contained Substances Exceeding JIG Threshold**

None.

**China RoHS**

Part Number: 0022232071		<p><b>Hazardous Substances</b></p>					
Part Name: KK 100 Hdr FrLk Vert 07 Ckt Tin							
Part Information							
Components and their toxic substance composition		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 100 Hdr FrLk Vert 07 Ckt Tin		○	○	○	○	○	○
KK .025 Sq Pin 0.560 Tin		○	○	○	○	○	○
Cartridge Brass 70% Unplated		○	○	○	○	○	○
Copper Plating		○	○	○	○	○	○
Tin Plating		○	○	○	○	○	○
KK 100 Header FrLk 07 ckt		○	○	○	○	○	○
PA66 NYLON UF NATURAL		○	○	○	○	○	○

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