

## Product Compliance Declaration

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### Contact Information

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

### Part Information

**Part Number** 0022112046 **Part Weight** 0.477199G

**Part Name** KK 100 Hdr FrLk Vert 04 Ckt Gold

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 Hdr FrLk Vert 04 Ckt Gold	Assembly		100	0.477199
.630 x .0261 Sq Brass Bando Pin 20SAu	Assembly		48.6587	0.232199
.630 x .0261 Sq Brass Bando Pin Unplated	Component		46.9406	0.224
Cartridge Brass 70% Unplated	Material		46.9406	0.224
Copper	Substance	7440-50-8	32.8584	0.1568
Zinc (metal)	Substance	7440-66-6	14.0822	0.0672
Tin Plating	Material		0.3885	0.001854
Tin	Substance	7440-31-5	0.3885	0.001854
Nickel Plating	Material		1.1735	0.0056
Nickel	Substance	7440-02-0	1.1734	0.005599
Further Additives	Substance	system	0.0001	6E-7
Gold Plating	Material		0.1561	0.000745
Cobalt	Substance	7440-48-4	0.0004	0.000002

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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	0.0004	0.000002
Gold	Substance	7440-57-5	0.1553	0.000741
KK 100 Header FrLk 04 ckt	Component		51.3413	0.245
PA66 UF NATURAL	Material		51.3413	0.245
PA66	Substance		43.6401	0.20825
Further Additives	Substance	system	2.5671	0.01225
Flame Retardant, ISO 1043-4 FR(30)	Substance		5.1341	0.0245

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## GADSL Declaration Information

**Regulatory Revision** GADSL imported from IMDS

### Contained Substances Exceeding Threshold

Not reviewed

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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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## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

Part Number 0022112046		<b>Hazardous Substances</b>				
Part Name KK 100 Hdr FrLk Vert 04 Ckt Gold						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 100 Hdr FrLk Vert 04 Ckt Gold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
.630 x .0261 Sq Brass Bando Pin 20SAu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
.630 x .0261 Sq Brass Bando Pin Unplated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KK 100 Header FrLk 04 ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 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)	235
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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