

# 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** 0022152046 **Part Weight** 0.428G

**Part Name** KK 100 PCB Assy RtAn 04 Ckt Tin

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 PCB Assy RtAn 04 Ckt Tin	Assembly		100	0.428
KK 100 HOUSING PC TAIL 04 CKT	Component		69.1589	0.296
PA66 WHITE	Material		69.1589	0.296
PA66	Substance		58.785	0.2516
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.9159	0.0296
Further Additives, not to declare	Substance	system	3.4579	0.0148
KK 100 TERMINAL PC TAIL TIN	Component		30.8411	0.132
Cartridge Brass 70%	Material		30.8411	0.132
Cartridge Brass 70% Unplated	Material		29.8203	0.127631
Copper	Substance	7440-50-8	20.8742	0.089342
Zinc (metal)	Substance	7440-66-6	8.9461	0.038289
Tin Plating	Material		1.0208	0.004369
Tin	Substance	7440-31-5	1.0208	0.004369

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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.

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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(2020)9139-DC (19 Jan 2021)

### 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		*Note	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
	44 Concentration within acceptable GADSL limits

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## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

Part Number 0022152046		<b>Hazardous Substances</b>				
Part Name KK 100 PCB Assy RtAn 04 Ckt Tin						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 100 PCB Assy RtAn 04 Ckt Tin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KK 100 HOUSING PC TAIL 04 CKT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KK 100 TERMINAL PC TAIL TIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Process Information

Component Plating / Surface Finish	BSn
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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