

## 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** 0009481064 **Part Weight** 2.028G

**Part Name** KK 156 PCB Assy RtAn 06 Ckts Tin

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 PCB Assy RtAn 06 Ckts Tin	Assembly		100	2.028
KK 156 PCB Housing Hook Ramp 06 Ckt	Component		64.497	1.308
PBT GF NATURAL	Material		64.497	1.308
PBT	Substance		41.4624	0.840857
GF-Fibre	Substance		4.4227	0.089692
Flame Retardant, ISO 1043-4 FR(17)	Substance		14.2815	0.289629
Antimonytrioxide	Substance	1309-64-4	3.7777	0.076611
Further Additives, not to declare	Substance	system	0.5528	0.011211
KK 156 TERMINAL PC TAIL TIN	Assembly		35.503	0.72
KK 156 TERMINAL PC TAIL	Component		33.432	0.678
Phosphor Bronze 8% Unplated	Material		33.432	0.678
Copper	Substance	7440-50-8	30.6939	0.622472
Tin	Substance	7440-31-5	2.6746	0.05424

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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)
Phosphorus	Substance	7723-14-0	0.0635	0.001288
Tin Plating	Material		0.9467	0.0192
Tin	Substance	7440-31-5	0.9467	0.0192
Nickel Plating	Material		1.1243	0.0228
Nickel	Substance	7440-02-0	1.1241	0.022798
Further Additives, not to declare	Substance	system	0.0001	0.000002

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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		*Note	500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	Phosphor Bronze, 8%	*Note	250	Yes
Antimonytrioxide	PBT GF NATURAL	*Note	70,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Phosphor Bronze, 8%	*Note	913,850	Yes
glass, oxide, chemicals	PBT GF NATURAL	*Note	80,000	Yes

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

### Exemptions

Part Name	Exemption
	44 Concentration within acceptable GADSL limits
Phosphor Bronze, 8%	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

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PBT GF NATURAL	900	250,000	Yes
Bromine and Chlorine combined	PBT GF NATURAL	1,500	250,000	Yes

## China ROHS Declaration Information

Part Number 0009481064		<b>Hazardous Substances</b>					
Part Name KK 156 PCB Assy RtAn 06 Ckts Tin							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 156 PCB Assy RtAn 06 Ckts Tin	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 156 PCB Housing Hook Ramp 06 Ckt	○	○	○	○	○	○
KK 156 TERMINAL PC TAIL TIN	○	○	○	○	○	○
KK 156 TERMINAL PC TAIL	○	○	○	○	○	○

## Process Information

Component Plating / Surface Finish	MSn-RNi
Termination Base Alloy	P-Bronze
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 23, 2021

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