

# Product Compliance Declaration

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## Contact Information

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

## Part Information

**Part Number** 0026644080 **Part Weight** 3.008G

**Part Name** KK 156 Hdr FrLk Peg 08 Ckt Tin

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 Hdr FrLk Peg 08 Ckt Tin	Assembly		100	3.008
KK 156 Header FrLk 08 Ckt Peg B	Component		50	1.504
PBT GF NATURAL	Material		50	1.504
PBT	Substance		32.1429	0.966857
GF-Fibre	Substance		3.4286	0.103132
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.0715	0.333029
Antimonytrioxide	Substance	1309-64-4	2.9285	0.088091
Further Additives, not to declare	Substance	system	0.4285	0.012891
KK.045 Sq Pin Bando .720 (197) Sn	Assembly		50	1.504
KK.045 Sq Pin Bando .720 (999) unplt	Component		48.9362	1.472
Cartridge Brass 70% Unplated	Material		48.9362	1.472
Copper	Substance	7440-50-8	34.2553	1.0304
Zinc (metal)	Substance	7440-66-6	14.6809	0.4416

Form Rev - F

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)
Tin Plating	Material		0.4787	0.0144
Tin	Substance	7440-31-5	0.4787	0.0144
Nickel Plating	Material		0.5851	0.0176
Nickel	Substance	7440-02-0	0.585	0.017598
Further Additives, not to declare	Substance	system	6E-05	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(2021)4569-DC (8 July 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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes

Form Rev - F

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Antimonytrioxide	PBT GF NATURAL	*Note	70,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	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 0026644080		<b>Hazardous Substances</b>					
Part Name KK 156 Hdr FrLk Peg 08 Ckt Tin							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 156 Hdr FrLk Peg 08 Ckt Tin	○	○	○	○	○	○	
KK 156 Header FrLk 08 Ckt Peg B	○	○	○	○	○	○	
KK.045 Sq Pin Bando .720 (197) Sn	○	○	○	○	○	○	

Form Rev - F

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK.045 Sq Pin Bando .720 (999) unplt	0	0	0	0	0	0

### Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

### Process Information

Component Plating / Surface Finish	MSn-RNi
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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Form Rev - F

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