

Product Compliance Declaration

Please see 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 0022032021 **Part Weight** 0.13501G

Part Name KK 100 Hdr Flat Vert Tin 2Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 Hdr Flat Vert Tin 2Ckt	Assembly		100	0.13501
KK 100 Header Flat 02 Ckt 4030-02	Component		24.4427	0.033
PA66 WHITE	Material		24.4427	0.033
PA66	Substance		20.7763	0.02805
Flame Retardant, ISO 1043-4 FR(30)	Substance		2.4443	0.0033
Further Additives, not to declare	Substance	system	1.2221	0.00165
.560 x .0261 Sq Brass Bando Pin Tin	Assembly		75.5573	0.10201
.560 x .0261 Sq Brass Bando Pin Unplated	Component		72.5873	0.098
Cartridge Brass 70% Unplated	Material		72.5873	0.098
Copper	Substance	7440-50-8	50.8111	0.0686
Zinc (metal)	Substance	7440-66-6	21.7762	0.0294
Tin Plating	Material		1.3405	0.00181
Tin	Substance	7440-31-5	1.3405	0.00181

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel Plating	Material		1.6295	0.0022
Nickel	Substance	7440-02-0	1.6293	0.0022
Further Additives, not to declare	Substance	system	0.0002	2E-07

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2022)4187-DC (10 June 2022)

Contained Substances Exceeding Threshold

None

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
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

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*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/cm ² /week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0022032021		Hazardous Substances					
Part Name KK 100 Hdr Flat Vert Tin 2Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 100 Hdr Flat Vert Tin 2Ckt	○	○	○	○	○	○	
KK 100 Header Flat 02 Ckt 4030-02	○	○	○	○	○	○	
.560 x .0261 Sq Brass Bando Pin Tin	○	○	○	○	○	○	
.560 x .0261 Sq Brass Bando Pin Unplated	○	○	○	○	○	○	

Additional Information

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

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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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