

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 0022232061 **Part Weight** 0.686G

Part Name KK 100 Hdr FrLk Vert 06 Ckt Tin

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 Hdr FrLk Vert 06 Ckt Tin	Assembly		100	0.686
KK 100 Header FrLk 06 ckt	Component		54.519	0.374
PA66 WHITE	Material		54.519	0.374
PA66	Substance		46.3411	0.3179
Flame Retardant, ISO 1043-4 FR(30)	Substance		5.4519	0.0374
Further Additives, not to declare	Substance	system	2.7259	0.0187
.560 x .0261 Sq Brass Bando Pin Tin	Assembly		45.481	0.312
.560 x .0261 Sq Brass Bando Pin Unplated	Component		42.8571	0.294
Cartridge Brass 70% Unplated	Material		42.8571	0.294
Copper	Substance	7440-50-8	30	0.2058
Zinc (metal)	Substance	7440-66-6	12.8571	0.0882
Tin Plating	Material		1.6618	0.0114
Tin	Substance	7440-31-5	1.6618	0.0114

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel Plating	Material		0.9621	0.0066
Nickel	Substance	7440-02-0	0.962	0.006599
Further Additives, not to declare	Substance	system	1E-04	7E-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
nickel powder [particle diameter < 1 mm]	Plating Nickel	*Note	990,000	Yes
Copper	Brass	*Note	700,000	Yes

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

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Exemptions

Part Name	Exemption
Plating Nickel	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 0022232061		Hazardous Substances					
Part Name KK 100 Hdr FrLk Vert 06 Ckt Tin							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 100 Hdr FrLk Vert 06 Ckt Tin	○	○	○	○	○	○	
KK 100 Header FrLk 06 ckt	○	○	○	○	○	○	
.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

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass

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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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