

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 0022292031 **Part Weight** 0.405044G

Part Name 2.54mm KK Hdr Vt FricLK VrA .5Au 3Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
2.54mm KK Hdr Vt FricLK VrA .5Au 3Ckt	Assembly		100	0.405044
KK100 FR LOCK WAFER 6410-03 3 CKT	Component		62.2155	0.252
PA66 WHITE	Material		62.2155	0.252
PA66	Substance		52.8832	0.2142
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.2215	0.0252
Further Additives, not to declare	Substance	system	3.1108	0.0126
.560 x .0261 Sq Brass Bando Pin 20SAu	Assembly		37.7845	0.153044
.560 x .0261 Sq Brass Bando Pin Unplated	Component		36.2924	0.147
Cartridge Brass 70% Unplated	Material		36.2924	0.147
Copper	Substance	7440-50-8	25.4047	0.1029
Zinc (metal)	Substance	7440-66-6	10.8877	0.0441
Tin Plating	Material		0.3688	0.001494
Tin	Substance	7440-31-5	0.3688	0.001494

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel Plating	Material		0.9629	0.0039
Nickel	Substance	7440-02-0	0.9628	0.0039
Further Additives, not to declare	Substance	system	1E-04	4E-07
Gold Plating	Material		0.1605	0.00065
Cobalt	Substance	7440-48-4	0.0004	0.000002
Nickel	Substance	7440-02-0	0.0004	0.000002
Gold	Substance	7440-57-5	0.1597	0.000647

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(2020)9139-DC (19 Jan 2021)

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
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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]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	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
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
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

None

China ROHS Declaration Information

Part Number 0022292031		Hazardous Substances					
Part Name 2.54mm KK Hdr Vt FricLK VrA .5Au 3Ckt							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
2.54mm KK Hdr Vt FricLK VrA .5Au 3Ckt		○	○	○	○	○	○
KK100 FR LOCK WAFER 6410-03 3 CKT		○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.560 x .0261 Sq Brass Bando Pin 20SAu	○	○	○	○	○	○
.560 x .0261 Sq Brass Bando Pin Unplated	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	MSn-Ni
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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