

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 0022272151 **Part Weight** 1.532G

Part Name 2.54mm KK Hdr Vt FricLK VrA 5Sn 15Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
2.54mm KK Hdr Vt FricLK VrA 5Sn 15Ckt	Assembly		100	1.532
KK100 FR LOCK WAFER 6410-15 15 CKT	Component		49.0862	0.752
PA66 WHITE	Material		49.0862	0.752
PA66	Substance		41.7232	0.6392
Flame Retardant, ISO 1043-4 FR(30)	Substance		4.9086	0.0752
Further Additives, not to declare	Substance	system	2.4543	0.0376
.560 x .0261 Sq Brass Bando Pin Tin	Assembly		50.9138	0.78
.560 x .0261 Sq Brass Bando Pin Unplated	Component		47.9765	0.735
Cartridge Brass 70% Unplated	Material		47.9765	0.735
Copper	Substance	7440-50-8	33.5836	0.5145
Zinc (metal)	Substance	7440-66-6	14.393	0.2205
Tin Plating	Material		1.8603	0.0285
Tin	Substance	7440-31-5	1.8603	0.0285

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel Plating	Material		1.077	0.0165
Nickel	Substance	7440-02-0	1.0769	0.016498
Further Additives, not to declare	Substance	system	0.0001	0.000002

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
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead		*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
	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

None

China ROHS Declaration Information

Part Number 0022272151		Hazardous Substances					
Part Name 2.54mm KK Hdr Vt FricLK VrA 5Sn 15Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
2.54mm KK Hdr Vt FricLK VrA 5Sn 15Ckt	○	○	○	○	○	○	
KK100 FR LOCK WAFER 6410-15 15 CKT	○	○	○	○	○	○	
.560 x .0261 Sq Brass Bando Pin Tin	○	○	○	○	○	○	
.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

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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 24, 2021

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