

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 0022272061 **Part Weight** 0.709G

Part Name 2.54mm KK Hdr Vt FricLK VrA 5Sn 6Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
2.54mm KK Hdr Vt FricLK VrA 5Sn 6Ckt	Assembly		100	0.709
.560 x .0261 Sq Brass Bando Pin Tin	Assembly		44.0056	0.312
.560 x .0261 Sq Brass Bando Pin Unplated	Component		41.4669	0.294
Cartridge Brass 70% Unplated	Material		41.4669	0.294
Copper	Substance	7440-50-8	29.0268	0.2058
Zinc (metal)	Substance	7440-66-6	12.4401	0.0882
Tin Plating	Material		1.6079	0.0114
Tin	Substance	7440-31-5	1.6079	0.0114
Nickel Plating	Material		0.9309	0.0066
Nickel	Substance	7440-02-0	0.9308	0.006599
Further Additives, not to declare	Substance	system	9E-05	7E-07
KK100 FR LOCK WAFER 6410-06 6 CKT	Component		55.9944	0.397
PA66/6 NATURAL	Material		55.9944	0.397

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)
PA66/6	Substance		49.275	0.34936
Flame Retardant, ISO 1043-4 FR(30)	Substance		5.5994	0.0397
Further Additives, not to declare	Substance	system	1.1199	0.00794

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(2021)10043-DC (17 Jan 2022)

Contained Substances Exceeding Threshold

None

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.

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
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


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number	0022272061		Hazardous Substances				
Part Name	2.54mm KK Hdr Vt FricLK VrA 5Sn 6Ckt						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
2.54mm KK Hdr Vt FricLK VrA 5Sn 6Ckt		○	○	○	○	○	○
.560 x .0261 Sq Brass Bando Pin Tin		○	○	○	○	○	○

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.

Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.560 x .0261 Sq Brass Bando Pin Unplated	○	○	○	○	○	○
KK100 FR LOCK WAFER 6410-06 6 CKT	○	○	○	○	○	○

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
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

Mar 14, 2022

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.