

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 0026615020 **Part Weight** 0.936013G

Part Name KK 156 Hdr Assy FrLk RtAn 2 Ckt 20 Gold

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 Hdr Assy FrLk RtAn 2 Ckt 20 Gold	Assembly		100	0.936013
KK 156 Header FrLk 02 Ckt	Component		39.743	0.372
PBT GF NATURAL	Material		39.743	0.372
PBT	Substance		25.5491	0.239143
GF-Fibre	Substance		2.7253	0.025509
Flame Retardant, ISO 1043-4 FR(17)	Substance		8.8003	0.082372
Antimonytrioxide	Substance	1309-64-4	2.3278	0.021788
Further Additives, not to declare	Substance	system	0.3406	0.003188
KK.045 Sq Pin Bando 1.100 (241) 20SAu	Assembly		60.257	0.564013
KK.045 Sq Pin Bando 1.100 (999) unplt	Component		59.4009	0.556
Cartridge Brass 70% Unplated	Material		59.4009	0.556
Copper	Substance	7440-50-8	41.5806	0.3892
Zinc (metal)	Substance	7440-66-6	17.8203	0.1668

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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)
Tin Plating	Material		0.1707	0.001598
Tin	Substance	7440-31-5	0.1707	0.001598
Nickel Plating	Material		0.5769	0.0054
Nickel	Substance	7440-02-0	0.5769	0.005399
Further Additives, not to declare	Substance	system	6E-05	5E-07
Gold Plating	Material		0.1084	0.001015
Cobalt	Substance	7440-48-4	0.0003	0.000003
Nickel	Substance	7440-02-0	0.0003	0.000003
Gold	Substance	7440-57-5	0.1079	0.00101

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

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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
Antimonytrioxide	PBT GF NATURAL	*Note	70,000	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

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PBT GF NATURAL	900	250,000	Yes
Bromine and Chlorine combined	PBT GF NATURAL	1,500	250,000	Yes

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China ROHS Declaration Information

Part Number	0026615020		Hazardous Substances				
Part Name	KK 156 Hdr Assy FrLk RtAn 2 Ckt 20 Gold						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 156 Hdr Assy FrLk RtAn 2 Ckt 20 Gold		○	○	○	○	○	○
KK 156 Header FrLk 02 Ckt		○	○	○	○	○	○
KK.045 Sq Pin Bando 1.100 (241) 20SAu		○	○	○	○	○	○
KK.045 Sq Pin Bando 1.100 (999) unplt		○	○	○	○	○	○

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

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