

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 0026614040 **Part Weight** 1.492099G

Part Name KK 156 Hdr Assy FrLk 04 Ckt 20 Gold

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 Hdr Assy FrLk 04 Ckt 20 Gold	Assembly		100	1.492099
KK.045 Sq Pin Bando .720 (241) 20SAu	Assembly		50.1374	0.748099
KK.045 Sq Pin Bando .720 (999) unplt	Component		49.3265	0.736
Cartridge Brass 70% Unplated	Material		49.3265	0.736
Copper	Substance	7440-50-8	34.5285	0.5152
Zinc (metal)	Substance	7440-66-6	14.7979	0.2208
Tin Plating	Material		0.182	0.002715
Tin	Substance	7440-31-5	0.182	0.002715
Nickel Plating	Material		0.5093	0.0076
Nickel	Substance	7440-02-0	0.5093	0.007599
Further Additives, not to declare	Substance	system	5E-05	8E-07
Gold Plating	Material		0.1196	0.001784
Cobalt	Substance	7440-48-4	0.0003	0.000004

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.0003	0.000004
Gold	Substance	7440-57-5	0.119	0.001775
KK 156 Header FrLk 04 Ckt	Component		49.8626	0.744
PBT GF NATURAL	Material		49.8626	0.744
PBT	Substance		32.0545	0.478286
GF-Fibre	Substance		3.4192	0.051018
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.041	0.164743
Antimonytrioxide	Substance	1309-64-4	2.9205	0.043577
Further Additives, not to declare	Substance	system	0.4274	0.006377

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

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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
glass, oxide, chemicals	PBT GF NATURAL	*Note	80,000	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/cm ² /week)

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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

China ROHS Declaration Information

Part Number 0026614040		Hazardous Substances				
Part Name KK 156 Hdr Assy FrLk 04 Ckt 20 Gold						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 156 Hdr Assy FrLk 04 Ckt 20 Gold	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KK.045 Sq Pin Bando .720 (241) 20SAu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KK.045 Sq Pin Bando .720 (999) unplt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KK 156 Header FrLk 04 Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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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