

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 0026604160 **Part Weight** 5.984G

Part Name KK 156 Hdr Assy FrLk 16 Ckt Tin

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 Hdr Assy FrLk 16 Ckt Tin	Assembly		100	5.984
KK.045 Sq Pin Bando .720 (197) Sn	Assembly		50.2674	3.008
KK.045 Sq Pin Bando .720 (999) unplt	Component		49.1979	2.944
Cartridge Brass 70% Unplated	Material		49.1979	2.944
Copper	Substance	7440-50-8	34.4385	2.0608
Zinc (metal)	Substance	7440-66-6	14.7594	0.8832
Tin Plating	Material		0.4813	0.0288
Tin	Substance	7440-31-5	0.4813	0.0288
Nickel Plating	Material		0.5882	0.0352
Nickel	Substance	7440-02-0	0.5882	0.035196
Further Additives, not to declare	Substance	system	6E-05	0.000004
KK 156 Header FrLk 16 Ckt	Component		49.7326	2.976
PBT GF NATURAL	Material		49.7326	2.976

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PBT	Substance		31.971	1.913142
GF-Fibre	Substance		3.4103	0.20407
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.0122	0.658973
Antimonytrioxide	Substance	1309-64-4	2.9129	0.174307
Further Additives, not to declare	Substance	system	0.4263	0.025507

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)4578-DC (25 June 2020)

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

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Antimonytrioxide	PBT GF NATURAL	*Note	70,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	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
	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

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 0026604160		Hazardous Substances				
Part Name KK 156 Hdr Assy FrLk 16 Ckt Tin						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 156 Hdr Assy FrLk 16 Ckt Tin	○	○	○	○	○	○
KK.045 Sq Pin Bando .720 (197) Sn	○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK.045 Sq Pin Bando .720 (999) unplt	○	○	○	○	○	○
KK 156 Header FrLk 16 Ckt	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	MSn-RNi
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

Jan 15, 2021

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