

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 0026481245 **Part Weight** 7.751G

Part Name KK 156 Header Assy FrLk Bkwy 24 ckt Tin

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 Header Assy FrLk Bkwy 24 ckt Tin	Assembly		100	7.751
KK.045 Sq Pin Bando .750 (197) Sn	Assembly		58.5215	4.536
KK.045 Sq Pin Bando .750 (999) unplt	Component		57.2829	4.44
Cartridge Brass 70% Unplated	Material		57.2829	4.44
Copper	Substance	7440-50-8	40.0981	3.108
Zinc (metal)	Substance	7440-66-6	17.1849	1.332
Tin Plating	Material		0.5573	0.0432
Tin	Substance	7440-31-5	0.5573	0.0432
Nickel Plating	Material		0.6812	0.0528
Nickel	Substance	7440-02-0	0.6811	0.052795
Further Additives, not to declare	Substance	system	7E-05	0.000005
KK 156 Header Friction Lock Brwy 24 ckt	Component		41.4785	3.215
PBT GF BLACK	Material		41.4785	3.215

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PBT	Substance		26.5102	2.054806
GF-Fibre	Substance		2.8133	0.218061
Flame Retardant, ISO 1043-4 FR(17)	Substance		9.1072	0.705901
Antimonytrioxide	Substance	1309-64-4	2.3985	0.185911
Pigment portion, not to declare	Substance	system	0.3246	0.025161
Further Additives, not to declare	Substance	system	0.3246	0.025161

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

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Antimonytrioxide	PBT GF BLACK	*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 BLACK	*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
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 BLACK	900	250,000	Yes
Bromine and Chlorine combined	PBT GF BLACK	1,500	250,000	Yes

China ROHS Declaration Information

Part Number 0026481245		Hazardous Substances					
Part Name KK 156 Header Assy FrLk Bkwy 24 ckt Tin							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
KK 156 Header Assy FrLk Bkwy 24 ckt Tin	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK.045 Sq Pin Bando .750 (197) Sn	○	○	○	○	○	○
KK.045 Sq Pin Bando .750 (999) unplt	○	○	○	○	○	○
KK 156 Header Friction Lock Brwy 24 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

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