

# Product Compliance Declaration

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## Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

## Part Information

**Part Number** 0026482186 **Part Weight** 8.291115G

**Part Name** KK 156 Header Assy FrLk Break 18 Ckt Gol

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 156 Header Assy FrLk Break 18 Ckt Gol	Assembly		100	8.291115
KK.045 Sq Pin Bando 1.100 (241) 20SAu	Assembly		61.2236	5.076115
KK.045 Sq Pin Bando 1.100 (999) unplt	Component		60.3538	5.004
Cartridge Brass 70% Unplated	Material		60.3538	5.004
Copper	Substance	7440-50-8	42.2476	3.5028
Zinc (metal)	Substance	7440-66-6	18.1061	1.5012
Tin Plating	Material		0.1735	0.014382
Tin	Substance	7440-31-5	0.1735	0.014382
Nickel Plating	Material		0.5862	0.0486
Nickel	Substance	7440-02-0	0.5861	0.048595
Further Additives, not to declare	Substance	system	6E-05	0.000005
Gold Plating	Material		0.1102	0.009133
Cobalt	Substance	7440-48-4	0.0003	0.000023

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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)
Nickel	Substance	7440-02-0	0.0003	0.000023
Gold	Substance	7440-57-5	0.1096	0.009088
KK 156 Header Friction Lock Brwy 24 ckt	Component		38.7764	3.215
PBT GF BLACK	Material		38.7764	3.215
PBT	Substance		24.7832	2.054806
GF-Fibre	Substance		2.6301	0.218061
Flame Retardant, ISO 1043-4 FR(17)	Substance		8.514	0.705901
Antimonytrioxide	Substance	1309-64-4	2.2423	0.185911
Pigment portion, not to declare	Substance	system	0.3035	0.025161
Further Additives, not to declare	Substance	system	0.3035	0.025161

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## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## 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		*Note	500	Yes
Antimonytrioxide	PBT GF BLACK	*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 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
	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 <sup>2</sup> /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 BLACK	900	250,000	Yes
Bromine and Chlorine combined	PBT GF BLACK	1,500	250,000	Yes

### China ROHS Declaration Information

Part Number 0026482186		<b>Hazardous Substances</b>				
Part Name KK 156 Header Assy FrLk Break 18 Ckt Gol						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 156 Header Assy FrLk Break 18 Ckt Gol	○	○	○	○	○	○
KK.045 Sq Pin Bando 1.100 (241) 20SAu	○	○	○	○	○	○
KK.045 Sq Pin Bando 1.100 (999) unplt	○	○	○	○	○	○
KK 156 Header Friction Lock Brwy 24 ckt	○	○	○	○	○	○

### Process Information

Component Plating / Surface Finish	AuNi
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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