

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 0022284060 **Part Weight** 0.936G

Part Name KK 100 Hdr Assy Bkwy 06 Ckt Tin

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
KK 100 Hdr Assy Bkwy 06 Ckt Tin	Assembly		100	0.936
.100 CTR BREAKAWAY- FLAT COMPONENT	Component		73.0769	0.684
PA46 GF BLACK	Material		73.0769	0.684
PA46	Substance		31.7154	0.296856
Antimonytrioxide	Substance	1309-64-4	4.0192	0.03762
Flame Retardant, ISO 1043-4 FR(17)	Substance		14.25	0.13338
Carbon black	Substance	1333-86-4	0.3654	0.00342
Further Additives	Substance	system	0.8038	0.007524
GF-Fiber	Substance		21.9231	0.2052
.455 x .0255 Sq Bandolier Pin Tin	Assembly		26.9231	0.252
.455 x .0255 Sq Bandolier Pin Unplated	Component		26.2821	0.246
Phosphor Bronze 5% Unplated	Material		26.2821	0.246
Copper	Substance	7440-50-8	24.9285	0.233331

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin	Substance	7440-31-5	1.3141	0.0123
Phosphorus	Substance	7723-14-0	0.0394	0.000369
Nickel Plating	Material		0.244	0.002284
Nickel	Substance	7440-02-0	0.244	0.002284
Further Additives	Substance	system	2E-5	2E-7
Tin Plating	Material		0.397	0.003716
Tin	Substance	7440-31-5	0.397	0.003716

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/01/2017 (12 January 2017)

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
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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Antimonytrioxide	PA46 GF BLACK	*Note	55,000	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes
Glass fibres	PA46 GF BLACK	*Note	300,000	Yes

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Phosphor Bronze 5% A (CA510)	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/cm ² /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	PA46 GF BLACK	900	195,000	Yes
Bromine and Chlorine combined	PA46 GF BLACK	1,500	195,000	Yes

China ROHS Declaration Information

Part Number	0022284060		Hazardous Substances				
Part Name	KK 100 Hdr Assy Bkwy 06 Ckt Tin						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
KK 100 Hdr Assy Bkwy 06 Ckt Tin	○	○	○	○	○	○
.100 CTR BREAKAWAY- FLAT COMPONENT	○	○	○	○	○	○
.455 x .0255 Sq Bandolier Pin Tin	○	○	○	○	○	○
.455 x .0255 Sq Bandolier Pin Unplated	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	BSn-Ni
Termination Base Alloy	P-Bronze
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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