

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 0010181032 **Part Weight** 1.322G

Part Name 093 Shrd Pin Skt Hdrs 3Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
093 Shrd Pin Skt Hdrs 3Ckt	Assembly		100	1.322
093 Shrd Pin Skt Hdrs 3Ckt	Component		64.1452	0.848
PBT+PC UF BLACK	Material		64.1452	0.848
PC+PBT-I	Substance		38.4871	0.5088
Flame Retardant, ISO 1043-4 FR(17)	Substance		19.2436	0.2544
Antimonytrioxide	Substance	1309-64-4	3.8487	0.05088
Pigment portion	Substance	system	1.2829	0.01696
Further Additives	Substance	system	1.2829	0.01696
093 Wafercon PCB Conn MixTerm	Component		35.8548	0.474
Cartridge Brass 70% Unplated	Material		33.474	0.442526
Copper	Substance	7440-50-8	23.4318	0.309768
Zinc (metal)	Substance	7440-66-6	10.0422	0.132758
Tin Plating	Material		1.4808	0.019576

Form Rev - F

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)
Tin	Substance	7440-31-5	1.4808	0.019576
Copper Plating	Material		0.9	0.011897
Copper	Substance	7440-50-8	0.9	0.011897

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/30/2017 (7 July 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
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Antimonytrioxide	PBT+PC UF BLACK	*Note	60,000	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	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


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+PC UF BLACK	900	300,000	Yes
Bromine and Chlorine combined	PBT+PC UF BLACK	1,500	300,000	Yes

China ROHS Declaration Information

Part Number 0010181032		<div>Hazardous Substances</div>					
Part Name 093 Shrd Pin Skt Hdrs 3Ckt							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
093 Shrd Pin Skt Hdrs 3Ckt		O	O	O	O	O	O
093 Shrd Pin Skt Hdrs 3Ckt		O	O	O	O	O	O
093 Wafercon PCB Conn MixTerm		O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	BSn
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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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