

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 0002095130 **Part Weight** 0.325959G

Part Name 093 Female Term Chain Brs 50Au 18-22

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
093 Female Term Chain Brs 50Au 18-22	Assembly		100	0.325959
093 Female Term Chain Brs 50Au 18-22	Assembly		99.3911	0.323974
.906 X .010 A260 P607 PL 365	Component		99.1537	0.3232
Cartridge Brass 70% Unplated	Material		98.8545	0.322225
Copper	Substance	7440-50-8	69.1981	0.225557
Zinc (metal)	Substance	7440-66-6	29.6563	0.096667
Gold Plating	Material		0.2992	0.000975
Cobalt	Substance	7440-48-4	0.0007	0.000002
Nickel	Substance	7440-02-0	0.0007	0.000002
Gold	Substance	7440-57-5	0.2977	0.000971
Nickel Plating	Material		0.2374	0.000774
Nickel	Substance	7440-02-0	0.2374	0.000774
Further Additives, not to declare	Substance	system	2E-05	8E-08

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Gold Plating	Material		0.1487	0.000485
Cobalt	Substance	7440-48-4	0.0004	0.000001
Nickel	Substance	7440-02-0	0.0004	0.000001
Gold	Substance	7440-57-5	0.148	0.000482
Nickel Plating	Material		0.4602	0.0015
Nickel	Substance	7440-02-0	0.4601	0.0015
Further Additives, not to declare	Substance	system	5E-05	2E-07

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)9139-DC (19 Jan 2021)

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	Cartridge Brass 70% (CA260)	*Note	350	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	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

*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 Au (Hardgold) (electrodeposited Hardgold Coatings)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
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/cm2/week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number	0002095130		Hazardous Substances				
Part Name	093 Female Term Chain Brs 50Au 18-22						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
	093 Female Term Chain Brs 50Au 18-22	○	○	○	○	○	○
	093 Female Term Chain Brs 50Au 18-22	○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.906 X .010 A260 P607 PL 365	0	0	0	0	0	0

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A
Process Capability	N/A
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	N/A
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

Mar 23, 2021

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