

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 5040520098 **Part Weight** 0.017585G

Part Name Pico-Lock 1.5 W/B Rec Term AWG#24-28 Plt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Pico-Lock 1.5 W/B Rec Term AWG#24-28 Plt	Assembly		100	0.017585
PicoLock 15 WB Rec Term AWG2428 WOP	Component		97.8106	0.0172
Copper-Nickel-Silicon Unplated	Material		97.8106	0.0172
Copper	Substance	7440-50-8	94.8763	0.016684
Tin	Substance	7440-31-5	0.4891	0.000086
Silicon	Substance	7440-21-3	0.4891	0.000086
Zinc (metal)	Substance	7440-66-6	0.4891	0.000086
Nickel	Substance	7440-02-0	1.4672	0.000258
Nickel Plating	Material		1.7941	0.000316
Nickel	Substance	7440-02-0	1.7941	0.000316
99.5/0.5 Gold/Cobalt Plating	Material		0.389	0.000068
Gold	Substance	7440-57-5	0.387	0.000068
Cobalt	Substance	7440-48-4	0.0019	3E-07

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Sealing Surface Treatment	Material		0.0063	0.000001
Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy	Substance	24938-91-8	0.0062	0.000001
Misc.	Substance	system	6E-06	1E-09

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(2022)4187-DC (10 June 2022)

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	Copper Silicon Alloy (NKC 164)	*Note	250	Yes
nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	99.5/0.5 Gold/Cobalt Plating	*Note	5,000	Yes
Copper	Copper Silicon Alloy (NKC 164)	*Note	965,750	Yes

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

Exemptions

Part Name	Exemption
Copper Silicon Alloy (NKC 164)	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


None

EU MDR Substances

Contained Reportable Substances

Substance Group	Substance Location	Concentration (PPM)
Copper and its compounds	Copper-Nickel-Silicon Unplated	970,000

China ROHS Declaration Information

Part Number 5040520098		Hazardous Substances					
Part Name Pico-Lock 1.5 W/B Rec Term AWG#24-28 Plt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
Pico-Lock 1.5 W/B Rec Term AWG#24-28 Plt	○	○	○	○	○	○	
PicoLock 15 WB Rec Term AWG2428 WOP	○	○	○	○	○	○	

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Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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

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