

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 0349128022 **Part Weight** 2.108G

Part Name MINI50 RAHDR SMT 2CKT BLK POL C T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 RAHDR SMT 2CKT BLK POL C T&R	Assembly		100	2.108
MINI50 HSNG RAHDR SMT 2CKT DKG Y POL C	Component		85.1992	1.796
PS-ST GF30 GRAY	Material		85.1992	1.796
PS-ST	Substance		50.6724	1.068175
GF-Fibre	Substance		25.5386	0.538355
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.9534	0.125497
Pigment portion, not to declare	Substance	system	0.0423	0.000891
Further Additives, not to declare	Substance	system	2.9714	0.062637
Styrene	Substance	100-42-5	0.0211	0.000445
MINI50 TERM SMT SOLDER NAIL LT MATTE SN	Component		6.3093	0.133
Cartridge Brass 70% Unplated	Material		5.9298	0.125
Copper	Substance	7440-50-8	4.1509	0.0875
Zinc (metal)	Substance	7440-66-6	1.7789	0.0375

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel Plating	Material		0.1328	0.0028
Nickel	Substance	7440-02-0	0.1328	0.0028
Further Additives, not to declare	Substance	system	1E-05	3E-07
Tin Plating	Material		0.2467	0.0052
Tin	Substance	7440-31-5	0.2467	0.0052
MINI50 TERM SMT SOLDER NAIL RT MATTE SN	Component		5.9298	0.125
Cartridge Brass 70% Unplated	Material		5.5503	0.117
Copper	Substance	7440-50-8	3.8852	0.0819
Zinc (metal)	Substance	7440-66-6	1.6651	0.0351
Nickel Plating	Material		0.1328	0.0028
Nickel	Substance	7440-02-0	0.1328	0.0028
Further Additives, not to declare	Substance	system	1E-05	3E-07
Tin Plating	Material		0.2467	0.0052
Tin	Substance	7440-31-5	0.2467	0.0052
MINI50 TERM BLD 0.50X15.57 MATTE SN	Component		2.5617	0.054
Cartridge Brass 70% Unplated	Material		2.277	0.048
Copper	Substance	7440-50-8	1.5939	0.0336
Zinc (metal)	Substance	7440-66-6	0.6831	0.0144
Nickel Plating	Material		0.1139	0.0024
Nickel	Substance	7440-02-0	0.1138	0.0024
Further Additives, not to declare	Substance	system	1E-05	2E-07
Tin Plating	Material		0.1708	0.0036
Tin	Substance	7440-31-5	0.1708	0.0036

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

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
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead		*Note	500	Yes
styrene	PS-ST GF30 GRAY	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
glass, oxide, chemicals	PS-ST GF30 GRAY	*Note	330,000	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
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Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)

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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