

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

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Part Information

Part Number 0348978120 **Part Weight** 2.643G

Part Name MINI50 RAHDR SMT 12CKT BLK POL A T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 RAHDR SMT 12CKT BLK POL A T&R	Assembly		100	2.643
MINI50 HSNG RAHDR SMT 12CKT BLK POL A	Component		77.3742	2.045
PS-ST GF30 Black	Material		77.3742	2.045
PS-ST	Substance		45.2178	1.195106
GF-Fibre	Substance		23.3486	0.617103
Pigment portion, not to declare	Substance	system	0.5131	0.013562
Further Additives, not to declare	Substance	system	2.3894	0.063152
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.9053	0.156076
MINI50 TERM SMT SOLDER NAIL LT MATTE SN	Component		5.0322	0.133
Cartridge Brass 70% Unplated	Material		4.7295	0.125
Copper	Substance	7440-50-8	3.3106	0.0875
Zinc (metal)	Substance	7440-66-6	1.4188	0.0375
Nickel Plating	Material		0.1059	0.0028

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.1059	0.0028
Further Additives, not to declare	Substance	system	1E-05	3E-07
Tin Plating	Material		0.1967	0.0052
Tin	Substance	7440-31-5	0.1967	0.0052
MINI50 TERM SMT SOLDER NAIL RT MATTE SN	Component		4.7295	0.125
Cartridge Brass 70% Unplated	Material		4.4268	0.117
Copper	Substance	7440-50-8	3.0988	0.0819
Zinc (metal)	Substance	7440-66-6	1.328	0.0351
Nickel Plating	Material		0.1059	0.0028
Nickel	Substance	7440-02-0	0.1059	0.0028
Further Additives, not to declare	Substance	system	1E-05	3E-07
Tin Plating	Material		0.1967	0.0052
Tin	Substance	7440-31-5	0.1967	0.0052
MINI50 TERM BLD 0.50X15.57 MATTE SN	Component		8.1725	0.216
Cartridge Brass 70% Unplated	Material		7.2645	0.192
Copper	Substance	7440-50-8	5.0851	0.1344
Zinc (metal)	Substance	7440-66-6	2.1793	0.0576
Nickel Plating	Material		0.3632	0.0096
Nickel	Substance	7440-02-0	0.3632	0.009599
Further Additives, not to declare	Substance	system	4E-05	1E-06
Tin Plating	Material		0.5448	0.0144
Tin	Substance	7440-31-5	0.5448	0.0144
MINI50 TERM BLD 0.50X17.77 MATTE SN	Component		4.6916	0.124
Cartridge Brass 70% Unplated	Material		4.2376	0.112
Copper	Substance	7440-50-8	2.9663	0.0784
Zinc (metal)	Substance	7440-66-6	1.2713	0.0336
Nickel Plating	Material		0.1816	0.0048
Nickel	Substance	7440-02-0	0.1816	0.0048
Further Additives, not to declare	Substance	system	2E-05	5E-07

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.2724	0.0072
Tin	Substance	7440-31-5	0.2724	0.0072

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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
glass, oxide, chemicals	PS-ST GF30 Black	*Note	320,000	Yes

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*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
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 0348978120		Hazardous Substances					
Part Name MINI50 RAHDR SMT 12CKT BLK POL A T&R							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MINI50 RAHDR SMT 12CKT BLK POL A T&R	○	○	○	○	○	○	
MINI50 HSNG RAHDR SMT 12CKT BLK POL A	○	○	○	○	○	○	
MINI50 TERM SMT SOLDER NAIL LT MATTE SN	○	○	○	○	○	○	
MINI50 TERM SMT SOLDER NAIL RT MATTE SN	○	○	○	○	○	○	
MINI50 TERM BLD 0.50X15.57 MATTE SN	○	○	○	○	○	○	
MINI50 TERM BLD 0.50X17.77 MATTE SN	○	○	○	○	○	○	

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A

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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 24, 2021

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