

# Product Compliance Declaration

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## Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

## Part Information

**Part Number** 0349128041 **Part Weight** 1.569G

**Part Name** MINI50 RAHDR SMT 4CKT GRY POL B T&R

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 RAHDR SMT 4CKT GRY POL B T&R	Assembly		100	1.569
MINI50 HSNG RAHDR SMT 4CKT GRY POL B	Component		76.673	1.203
PS-ST GF30	Material		76.673	1.203
PS-ST	Substance		44.9975	0.706011
GF-Fibre	Substance		22.9061	0.359396
Pigment portion, not to declare	Substance	system	0.9392	0.014737
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.2186	0.08188
Further Additives, not to declare	Substance	system	2.6116	0.040977
MINI50 TERM SMT SOLDER NAIL LT MATTE SN	Component		8.4767	0.133
Cartridge Brass 70% Unplated	Material		7.9669	0.125
Copper	Substance	7440-50-8	5.5768	0.0875
Zinc (metal)	Substance	7440-66-6	2.3901	0.0375
Nickel Plating	Material		0.1785	0.0028

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.1784	0.0028
Further Additives, not to declare	Substance	system	2E-05	3E-07
Tin Plating	Material		0.3314	0.0052
Tin	Substance	7440-31-5	0.3314	0.0052
MINI50 TERM SMT SOLDER NAIL RT MATTE SN	Component		7.9669	0.125
Cartridge Brass 70% Unplated	Material		7.457	0.117
Copper	Substance	7440-50-8	5.2199	0.0819
Zinc (metal)	Substance	7440-66-6	2.2371	0.0351
Nickel Plating	Material		0.1785	0.0028
Nickel	Substance	7440-02-0	0.1784	0.0028
Further Additives, not to declare	Substance	system	2E-05	3E-07
Tin Plating	Material		0.3314	0.0052
Tin	Substance	7440-31-5	0.3314	0.0052
MINI50 TERM BLD 0.50X15.57 MATTE SN	Component		6.8834	0.108
Cartridge Brass 70% Unplated	Material		6.1185	0.096
Copper	Substance	7440-50-8	4.283	0.0672
Zinc (metal)	Substance	7440-66-6	1.8356	0.0288
Nickel Plating	Material		0.3059	0.0048
Nickel	Substance	7440-02-0	0.3059	0.0048
Further Additives, not to declare	Substance	system	3E-05	5E-07
Tin Plating	Material		0.4589	0.0072
Tin	Substance	7440-31-5	0.4589	0.0072

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## ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

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## REACH-SVHC Declaration Information

Regulatory Revision D(2021)4569-DC (8 July 2021)

### Contained Substances Exceeding Threshold

None

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## 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

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

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

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## Exemptions

Part Name	Exemption
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm <sup>2</sup> /week)


## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

## Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

Part Number 0349128041		<b>Hazardous Substances</b>					
Part Name MINI50 RAHDR SMT 4CKT GRY POL B T&R							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MINI50 RAHDR SMT 4CKT GRY POL B T&R	O	O	O	O	O	O	
MINI50 HSNG RAHDR SMT 4CKT GRY POL B	O	O	O	O	O	O	
MINI50 TERM SMT SOLDER NAIL LT MATTE SN	O	O	O	O	O	O	
MINI50 TERM SMT SOLDER NAIL RT MATTE SN	O	O	O	O	O	O	
MINI50 TERM BLD 0.50X15.57 MATTE SN	O	O	O	O	O	O	

## Additional Information

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

## Process Information

Component Plating / Surface Finish	N/A
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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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