

# Product Compliance Declaration

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## Contact Information

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

## Part Information

**Part Number** 0348260200 **Part Weight** 3.350804G

**Part Name** MINI50 RAHDR 20CKT BLK POL A TRAY

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 RAHDR 20CKT BLK POL A TRAY	Assembly		100	3.350804
MINI50 DUAL - 20CKT R/A HDR HSG POL A	Component		78.6378	2.635
PS-ST GF30 Black	Material		78.6378	2.635
PS-ST	Substance		45.9563	1.539905
GF-Fibre	Substance		23.7299	0.795143
Pigment portion, not to declare	Substance	system	0.5215	0.017475
Further Additives, not to declare	Substance	system	2.4284	0.081371
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	6.0017	0.201106
CTX50 0.50X11.24 BLADE TERM MATTE SN	Component		11.8122	0.395804
Cartridge Brass 70% Unplated	Material		11.1018	0.372
Copper	Substance	7440-50-8	7.7713	0.2604
Zinc (metal)	Substance	7440-66-6	3.3305	0.1116
Nickel Plating	Material		0.2448	0.008204

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.2448	0.008204
Further Additives, not to declare	Substance	system	2E-05	8E-07
Tin Plating	Material		0.4656	0.0156
Tin	Substance	7440-31-5	0.4656	0.0156
CTX50 0.50X15.64 BLADE TERM MATTE SN	Component		9.5499	0.32
Cartridge Brass 70% Unplated	Material		8.8337	0.296
Copper	Substance	7440-50-8	6.1836	0.2072
Zinc (metal)	Substance	7440-66-6	2.6501	0.0888
Nickel Plating	Material		0.2387	0.008
Nickel	Substance	7440-02-0	0.2387	0.007999
Further Additives, not to declare	Substance	system	2E-05	8E-07
Tin Plating	Material		0.4775	0.016
Tin	Substance	7440-31-5	0.4775	0.016

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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(2020)9139-DC (19 Jan 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
glass, oxide, chemicals	PS-ST GF30 Black	*Note	320,000	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 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/cm <sup>2</sup> /week)

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## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


### Contained Substances Exceeding Threshold

None

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## China ROHS Declaration Information

Part Number	0348260200		<b>Hazardous Substances</b>				
Part Name	MINI50 RAHDR 20CKT BLK POL A TRAY						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MINI50 RAHDR 20CKT BLK POL A TRAY		○	○	○	○	○	○
MINI50 DUAL - 20CKT R/A HDR HSG POL A		○	○	○	○	○	○
CTX50 0.50X11.24 BLADE TERM MATTE SN		○	○	○	○	○	○
CTX50 0.50X15.64 BLADE TERM MATTE SN		○	○	○	○	○	○

## Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	SMC&WAVE
Maximum Exposure Time (seconds)	040
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

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