

# Product Compliance Declaration

Please see [www.molex.com](http://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** 0349600200 **Part Weight** 12.779814G

**Part Name** MINI50 RAHDR 2BAY 68CKT 34A-34B

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 RAHDR 2BAY 68CKT 34A-34B	Assembly		100	12.779814
MINI50 RAHDR 34CKT BLK POL A TRAY	Assembly		49.6166	6.340907
MINI50 HSNB RAHDR 34CKT BLK POL A	Component		38.866	4.967
PS-ST GF30 Black	Material		38.866	4.967
PS-ST	Substance		22.7134	2.902735
GF-Fibre	Substance		11.7283	1.498852
Pigment portion, not to declare	Substance	system	0.2578	0.032941
Further Additives, not to declare	Substance	system	1.2002	0.153386
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	2.9663	0.379086
MINI50 TERM BLD 1.20X27.38 MATTE SN	Component		4.3386	0.554462
Yellow Brass 66% Unplated	Material		4.3193	0.552
Copper	Substance	7440-50-8	2.8615	0.3657
Zinc (metal)	Substance	7440-66-6	1.4578	0.1863

Form Rev - F

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 Plating	Material		0.01	0.001273
Nickel	Substance	7440-02-0	0.01	0.001273
Further Additives, not to declare	Substance	system	1E-06	1E-07
Tin Plating	Material		0.0093	0.00119
Tin	Substance	7440-31-5	0.0093	0.00119
MINI50 TERM BLD 0.50X21.71 MATTE SN	Component		2.3099	0.2952
Yellow Brass 66% Unplated	Material		2.2301	0.285
Copper	Substance	7440-50-8	1.4774	0.188812
Zinc (metal)	Substance	7440-66-6	0.7527	0.096187
Nickel Plating	Material		0.0301	0.003849
Nickel	Substance	7440-02-0	0.0301	0.003849
Further Additives, not to declare	Substance	system	3E-06	4E-07
Tin Plating	Material		0.0497	0.006351
Tin	Substance	7440-31-5	0.0497	0.006351
MINI50 TERM BLD 0.50X18.31 MATTE SN	Component		2.0677	0.264244
Yellow Brass 66% Unplated	Material		1.9953	0.255
Copper	Substance	7440-50-8	1.3219	0.168938
Zinc (metal)	Substance	7440-66-6	0.6734	0.086063
Nickel Plating	Material		0.0273	0.003489
Nickel	Substance	7440-02-0	0.0273	0.003489
Further Additives, not to declare	Substance	system	3E-06	3E-07
Tin Plating	Material		0.045	0.005756
Tin	Substance	7440-31-5	0.045	0.005756
MINI50 PAP 34 CKT RA	Component		2.0345	0.26
PS-ST GF30 Black	Material		2.0345	0.26
PS-ST	Substance		1.1889	0.151945
GF-Fibre	Substance		0.6139	0.078458
Pigment portion, not to declare	Substance	system	0.0135	0.001724
Further Additives, not to declare	Substance	system	0.0628	0.008029

Form Rev - F

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)
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	0.1553	0.019843
MINI50 RAHDR 34CKT GRY POL B TRAY	Assembly		50.3834	6.438907
MINI50 HSNB RAHDR 34CKT GRY POL B	Component		39.6328	5.065
PS-ST GF30	Material		39.6328	5.065
PS-ST	Substance		23.2595	2.972522
GF-Fibre	Substance		11.8403	1.513169
Pigment portion, not to declare	Substance	system	0.4855	0.062046
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	2.6975	0.344739
Further Additives, not to declare	Substance	system	1.35	0.172524
MINI50 TERM BLD 1.20X27.38 MATTE SN	Component		4.3386	0.554462
Yellow Brass 66% Unplated	Material		4.3193	0.552
Copper	Substance	7440-50-8	2.8615	0.3657
Zinc (metal)	Substance	7440-66-6	1.4578	0.1863
Nickel Plating	Material		0.01	0.001273
Nickel	Substance	7440-02-0	0.01	0.001273
Further Additives, not to declare	Substance	system	1E-06	1E-07
Tin Plating	Material		0.0093	0.00119
Tin	Substance	7440-31-5	0.0093	0.00119
MINI50 TERM BLD 0.50X21.71 MATTE SN	Component		2.3099	0.2952
Yellow Brass 66% Unplated	Material		2.2301	0.285
Copper	Substance	7440-50-8	1.4774	0.188812
Zinc (metal)	Substance	7440-66-6	0.7527	0.096187
Nickel Plating	Material		0.0301	0.003849
Nickel	Substance	7440-02-0	0.0301	0.003849
Further Additives, not to declare	Substance	system	3E-06	4E-07
Tin Plating	Material		0.0497	0.006351
Tin	Substance	7440-31-5	0.0497	0.006351
MINI50 TERM BLD 0.50X18.31 MATTE SN	Component		2.0677	0.264244

Form Rev - F

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)
Yellow Brass 66% Unplated	Material		1.9953	0.255
Copper	Substance	7440-50-8	1.3219	0.168938
Zinc (metal)	Substance	7440-66-6	0.6734	0.086063
Nickel Plating	Material		0.0273	0.003489
Nickel	Substance	7440-02-0	0.0273	0.003489
Further Additives, not to declare	Substance	system	3E-06	3E-07
Tin Plating	Material		0.045	0.005756
Tin	Substance	7440-31-5	0.045	0.005756
MINI50 PAP 34 CKT RA	Component		2.0345	0.26
PS-ST GF30 Black	Material		2.0345	0.26
PS-ST	Substance		1.1889	0.151945
GF-Fibre	Substance		0.6139	0.078458
Pigment portion, not to declare	Substance	system	0.0135	0.001724
Further Additives, not to declare	Substance	system	0.0628	0.008029
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	0.1553	0.019843

## ROHS Declaration Information

**Regulatory Revision** EU 2015/863

**Compliance Status** Compliant

### Contained Substances Exceeding Threshold

None

### Exemptions

None

Form Rev - F

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.

---

## REACH-SVHC Declaration Information

Regulatory Revision D(2021)4569-DC (8 July 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	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Lead	C2680	*Note	250	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	C2680	*Note	660,000	Yes

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

### Exemptions

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
C2680	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)

---

## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


### Contained Substances Exceeding Threshold

None

Form Rev - F

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.

## China ROHS Declaration Information

Part Number 0349600200		<b>Hazardous Substances</b>				
Part Name MINI50 RAHDR 2BAY 68CKT 34A-34B						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MINI50 RAHDR 2BAY 68CKT 34A-34B	○	○	○	○	○	○
MINI50 RAHDR 34CKT BLK POL A TRAY	○	○	○	○	○	○
MINI50 HSNB RAHDR 34CKT BLK POL A	○	○	○	○	○	○
MINI50 TERM BLD 1.20X27.38 MATTE SN	○	○	○	○	○	○
MINI50 TERM BLD 0.50X21.71 MATTE SN	○	○	○	○	○	○
MINI50 TERM BLD 0.50X18.31 MATTE SN	○	○	○	○	○	○
MINI50 PAP 34 CKT RA	○	○	○	○	○	○
MINI50 RAHDR 34CKT GRY POL B TRAY	○	○	○	○	○	○
MINI50 HSNB RAHDR 34CKT GRY POL B	○	○	○	○	○	○
MINI50 TERM BLD 1.20X27.38 MATTE SN	○	○	○	○	○	○
MINI50 TERM BLD 0.50X21.71 MATTE SN	○	○	○	○	○	○
MINI50 TERM BLD 0.50X18.31 MATTE SN	○	○	○	○	○	○
MINI50 PAP 34 CKT RA	○	○	○	○	○	○

## 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

Form Rev - F

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.

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

Jan 2, 2022

Form Rev - F

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.