

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 0347928081 **Part Weight** 1.54087G

Part Name MINI50 VHDR 8CKT GRY POL B T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 VHDR 8CKT GRY POL B T&R	Assembly		100	1.54087
MINI50 HSNG VHDR 8CKT GRY POL B	Component		87.548	1.349
PS-ST GF30	Material		87.548	1.349
PS-ST	Substance		51.3797	0.791694
GF-Fibre	Substance		26.155	0.403014
Pigment portion, not to declare	Substance	system	1.0725	0.016525
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.9588	0.091817
Further Additives, not to declare	Substance	system	2.9821	0.04595
CTX50 0.50X06.32 BLADE TERM MATTE SN	Component		12.452	0.19187
Cartridge Brass 70% Unplated	Material		11.4221	0.176
Copper	Substance	7440-50-8	7.9955	0.1232
Zinc (metal)	Substance	7440-66-6	3.4266	0.0528
Nickel Plating	Material		0.355	0.00547

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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	0.3549	0.005469
Further Additives, not to declare	Substance	system	4E-05	5E-07
Tin Plating	Material		0.6749	0.0104
Tin	Substance	7440-31-5	0.6749	0.0104

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)4578-DC (25 June 2020)

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 GRAY	*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/cm2/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

Oct 30, 2020

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