

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 0347928040 **Part Weight** 1.056935G

Part Name MINI50 VHDR 4CKT BLK POL A T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 VHDR 4CKT BLK POL A T&R	Assembly		100	1.056935
MINI50 HSNG VHDR 4CKT BLK POL A	Component		90.9233	0.961
PS-ST GF30 Black	Material		90.9233	0.961
PS-ST	Substance		53.1359	0.561612
GF-Fibre	Substance		27.4372	0.289993
Pigment portion, not to declare	Substance	system	0.603	0.006373
Further Additives, not to declare	Substance	system	2.8078	0.029677
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	6.9394	0.073344
CTX50 0.50X06.32 BLADE TERM MATTE SN	Component		9.0767	0.095935
Cartridge Brass 70% Unplated	Material		8.326	0.088
Copper	Substance	7440-50-8	5.8282	0.0616
Zinc (metal)	Substance	7440-66-6	2.4978	0.0264
Nickel Plating	Material		0.2587	0.002735

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.2587	0.002735
Further Additives, not to declare	Substance	system	3E-05	3E-07
Tin Plating	Material		0.492	0.0052
Tin	Substance	7440-31-5	0.492	0.0052

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		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
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
	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 0347928040		Hazardous Substances					
Part Name MINI50 VHDR 4CKT BLK POL A T&R							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MINI50 VHDR 4CKT BLK POL A T&R	○	○	○	○	○	○	
MINI50 HSNG VHDR 4CKT BLK POL A	○	○	○	○	○	○	
CTX50 0.50X06.32 BLADE TERM MATTE SN	○	○	○	○	○	○	

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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