

# 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** 0349674021 **Part Weight** 3.444G

**Part Name** MINI50 CONN RCPT SLD 1X4 CPA BLK A/03

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MINI50 CONN RCPT SLD 1X4 CPA BLK A/03	Assembly		100	3.444
MINI50 COVER RCPT SLD 1X4 BLK KEYA	Component		3.8037	0.131
PA66+PS-GF20 BLACK	Material		3.8037	0.131
PS	Substance		0.8368	0.02882
PA66	Substance		2.054	0.07074
GF-Fibre	Substance		0.7607	0.0262
Pigment portion, not to declare	Substance	system	0.0114	0.000393
Further Additives, not to declare	Substance	system	0.1407	0.004847
MINI50 HSNG CONN 1X4 W/ BRDG BLK	Component		57.3461	1.975
PA66+PS-GF20 BLACK	Material		57.3461	1.975
PS	Substance		12.6161	0.4345
PA66	Substance		30.9669	1.0665
GF-Fibre	Substance		11.4692	0.395

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Pigment portion, not to declare	Substance	system	0.172	0.005925
Further Additives, not to declare	Substance	system	2.1218	0.073075
MINI50 HSNB TERM RCPT 1X4 BLK	Component		20.3252	0.7
PA66+PS-GF20 BLACK	Material		20.3252	0.7
PS	Substance		4.4715	0.154
PA66	Substance		10.9756	0.378
GF-Fibre	Substance		4.065	0.14
Pigment portion, not to declare	Substance	system	0.061	0.0021
Further Additives, not to declare	Substance	system	0.752	0.0259
MINI50 ISL RCPT SLD 1X4 NAT	Component		1.8293	0.063
PS-ST GF30	Material		1.8293	0.063
PS-ST	Substance		1.0932	0.03765
GF-Fibre	Substance		0.547	0.01884
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	0.1263	0.00435
Further Additives, not to declare	Substance	system	0.0627	0.00216
MINI50 CPA SLD RED	Component		6.9686	0.24
PBT GF Red	Material		6.9686	0.24
PBT	Substance		4.8223	0.16608
GF-Fibre	Substance		2.0906	0.072
Further Additives, not to declare	Substance	system	0.0209	0.00072
Pigment portion, not to declare	Substance	system	0.0348	0.0012
MINI MAT SEAL RCPT X	Component		3.3391	0.115
VMQ	Material		3.3391	0.115
VMQ	Substance		1.9467	0.067045
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	1.3023	0.04485
Silicon dioxide	Substance	7631-86-9	0.0167	0.000575
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.0434	0.001495
Dimethylsilicone	Substance	63148-62-9	0.0083	0.000288

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Cobalt-aluminate-blue-spinel	Substance	1345-16-0	0.0083	0.000288
Titanium-dioxide	Substance	13463-67-7	0.0134	0.00046
MINI RING SEAL RCPT X	Component		6.3879	0.22
VMQ	Material		6.3879	0.22
VMQ	Substance		4.0755	0.14036
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	1.7247	0.0594
Silicon dioxide	Substance	7631-86-9	0.1022	0.00352
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.115	0.00396
Dimethylsilicone	Substance	63148-62-9	0.0128	0.00044
Cerium-tetrahydroxide	Substance	12014-56-1	0.0256	0.00088
Nepheline syenite	Substance	37244-96-5	0.2875	0.0099
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0447	0.00154

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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)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
glass, oxide, chemicals	PBT GF Red	*Note	300,000	Yes
glass, oxide, chemicals	PS-ST GF30	*Note	299,048	Yes
Cobalt aluminate blue spinel	VMQ	*Note	2,500	Yes

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

### Exemptions

None


## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

### Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

Part Number 0349674021		<b>Hazardous Substances</b>				
Part Name MINI50 CONN RCPT SLD 1X4 CPA BLK A/03						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MINI50 CONN RCPT SLD 1X4 CPA BLK A/03	○	○	○	○	○	○
MINI50 COVER RCPT SLD 1X4 BLK KEYA	○	○	○	○	○	○
MINI50 HSNG CONN 1X4 W/ BRDG BLK	○	○	○	○	○	○
MINI50 HSNG TERM RCPT 1X4 BLK	○	○	○	○	○	○
MINI50 ISL RCPT SLD 1X4 NAT	○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MINI50 CPA SLD RED	○	○	○	○	○	○
MINI MAT SEAL RCPT X	○	○	○	○	○	○
MINI RING SEAL RCPT X	○	○	○	○	○	○

## 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

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