

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 0643201311 **Part Weight** 35.4G

Part Name CMC Rcpt 48Ckt L blk mat seal

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CMC Rcpt 48Ckt L blk mat seal	Assembly		100	35.4
CMC Housing Seal Silicon LSR Ckt	Component		1.9209	0.68
VMQ	Material		1.9209	0.68
VMQ	Material		1.8729	0.663
Siloxanes and Silicones, di-Me, di-Ph	Substance	68083-14-7	0.1311	0.04641
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products...	Substance	68909-20-6	0.4495	0.15912
VMQ	Substance		1.2923	0.45747
VMQ Masterbatch	Material		0.048	0.017
VMQ	Substance		0.0456	0.01615
Pigment portion, not to declare	Substance	system	0.0024	0.00085
W CMC GROMMET SEAL FREE STATE	Component		9.548	3.38
VMQ	Material		9.548	3.38
VMQ	Substance		5.5083	1.949922

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	3.6282	1.2844
Silicon dioxide	Substance	7631-86-9	0.0477	0.0169
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.296	0.10478
Synthetic iron oxide (Fe ₂ O ₃)	Substance	1332-37-2	0.0678	0.023998
CMC CPA T3	Component		22.5706	7.99
PBT GF BLACK	Material		22.5706	7.99
PBT	Substance		15.6238	5.530838
GF-Fibre	Substance		6.5956	2.334838
Pigment portion, not to declare	Substance	system	0.2165	0.076624
Further Additives, not to declare	Substance	system	0.1347	0.0477
CMC REAR SEAL COVER GRY 48CKT	Component		11.1582	3.95
PBT-GF20 Grey	Material		11.1582	3.95
Color Concentrate	Material		0.2232	0.079
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.153	0.054169
Titanium-dioxide	Substance	13463-67-7	0.0682	0.024149
Further Additives, not to declare	Substance	system	0.0019	0.000682
PBT GF NATURAL	Material		10.935	3.871
PBT	Substance		8.6824	3.073574
GF-Fibre	Substance		2.1214	0.750974
Further Additives, not to declare	Substance	system	0.1312	0.046452
CMC TPA T3	Component		4.9435	1.75
PBT-GF20 Grey	Material		4.9435	1.75
Color Concentrate	Material		0.0989	0.035
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.0678	0.023999
Titanium-dioxide	Substance	13463-67-7	0.0302	0.010699
Further Additives, not to declare	Substance	system	0.0009	0.000302
PBT GF NATURAL	Material		4.8446	1.715
PBT	Substance		3.8466	1.36171

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
GF-Fibre	Substance		0.9399	0.33271
Further Additives, not to declare	Substance	system	0.0581	0.02058
CMC Rcpt Conn Back End Blk T3 48Ckt	Component		37.4859	13.27
PBT-GF20 Black	Material		37.4859	13.27
Color Concentrate	Material		0.7497	0.2654
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.6623	0.234437
Carbon black	Substance	1333-86-4	0.0875	0.030963
PBT GF NATURAL	Material		36.7362	13.0046
PBT	Substance		29.1685	10.325652
GF-Fibre	Substance		7.1268	2.522892
Further Additives, not to declare	Substance	system	0.4408	0.156055
CMC Rcpt Conn Front End Blk T3 48Ckt	Component		12.3729	4.38
PBT-GF20 Black	Material		12.3729	4.38
Color Concentrate	Material		0.2475	0.0876
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.2186	0.07738
Carbon black	Substance	1333-86-4	0.0289	0.01022
PBT GF NATURAL	Material		12.1254	4.2924
PBT	Substance		9.6276	3.408166
GF-Fibre	Substance		2.3523	0.832726
Further Additives, not to declare	Substance	system	0.1455	0.051509

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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
glass, oxide, chemicals	PBT GF BLACK	*Note	320,000	Yes
glass, oxide, chemicals	PBT GF NATURAL	*Note	220,000	Yes

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

Exemptions

None

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0643201311		Hazardous Substances				
Part Name CMC Rcpt 48Ckt L blk mat seal						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CMC Rcpt 48Ckt L blk mat seal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC Housing Seal Silicon LSR Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
W CMC GROMMET SEAL FREE STATE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC CPA T3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC REAR SEAL COVER GRY 48CKT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC TPA T3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC Rcpt Conn Back End Blk T3 48Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC Rcpt Conn Front End Blk T3 48Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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J-STD-020 Moisture Sensitivity Level	N/A
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Mar 24, 2021

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