

# 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** 0643193211 **Part Weight** 29.386G

**Part Name** CMC Rcpt 32Ckt R blk mat seal

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CMC Rcpt 32Ckt R blk mat seal	Assembly		100	29.386
CMC Rcpt Conn Front End Blk T2 32Ckt	Component		11.2298	3.3
PBT-GF20 Black	Material		11.2298	3.3
Color Concentrate	Material		0.2246	0.066
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.1984	0.0583
Carbon black	Substance	1333-86-4	0.0262	0.0077
PBT GF NATURAL	Material		11.0052	3.234
PBT	Substance		8.7382	2.567796
GF-Fibre	Substance		2.135	0.627396
Further Additives, not to declare	Substance	system	0.1321	0.038808
CMC Rcpt Conn Back End Blk T2 32Ckt	Component		38.6579	11.36
PBT-GF20 Black	Material		38.6579	11.36
Color Concentrate	Material		0.7732	0.2272

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.683	0.200693
Carbon black	Substance	1333-86-4	0.0902	0.026507
PBT GF NATURAL	Material		37.8847	11.1328
PBT	Substance		30.0805	8.839443
GF-Fibre	Substance		7.3496	2.159763
Further Additives, not to declare	Substance	system	0.4546	0.133594
CMC TPA T2	Component		4.2741	1.256
PBT-GF30 Black	Material		4.2741	1.256
Color Concentrate	Material		0.0855	0.02512
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.0755	0.022189
Carbon black	Substance	1333-86-4	0.01	0.002931
PBT GF NATURAL	Material		4.1887	1.23088
PBT	Substance		2.8715	0.843813
GF-Fibre	Substance		1.2626	0.371023
Further Additives, not to declare	Substance	system	0.0546	0.016045
GROMMET REAR SEAL COVER 32 CKT GREY	Component		10.1069	2.97
PBT-GF20 Grey	Material		10.1069	2.97
Color Concentrate	Material		0.2021	0.0594
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.1386	0.04073
Titanium-dioxide	Substance	13463-67-7	0.0618	0.018158
Further Additives, not to declare	Substance	system	0.0017	0.000513
PBT GF NATURAL	Material		9.9047	2.9106
PBT	Substance		7.8643	2.311016
GF-Fibre	Substance		1.9215	0.564656
Further Additives, not to declare	Substance	system	0.1189	0.034927
CMC LCK LEVER Blk T2	Component		25.3522	7.45
PBT-GF30 Black	Material		25.3522	7.45
Color Concentrate	Material		0.507	0.149

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol and hexanedioic acid	Substance	60961-73-1	0.4479	0.131617
Carbon black	Substance	1333-86-4	0.0592	0.017383
PBT GF NATURAL	Material		24.8452	7.301
PBT	Substance		17.0323	5.005098
GF-Fibre	Substance		7.4891	2.200733
Further Additives, not to declare	Substance	system	0.3239	0.095169
W CMC GROMMET SEAL FREE STATE	Component		8.4394	2.48
VMQ	Material		8.4394	2.48
VMQ	Substance		4.8687	1.430712
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	3.207	0.9424
Silicon dioxide	Substance	7631-86-9	0.0422	0.0124
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.2616	0.07688
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0599	0.017608
CMC HSG SEAL SILICON CKT	Component		1.9397	0.57
VMQ	Material		1.9397	0.57
VMQ	Material		1.8912	0.55575
Siloxanes and Silicones, di-Me, di-Ph	Substance	68083-14-7	0.1324	0.038903
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products...	Substance	68909-20-6	0.4539	0.13338
VMQ	Substance		1.3049	0.383468
VMQ Masterbatch	Material		0.0485	0.01425
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.0461	0.013537
Pigment portion, not to declare	Substance	system	0.0024	0.000713

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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 NATURAL	*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 0643193211		<b>Hazardous Substances</b>				
Part Name CMC Rcpt 32Ckt R blk mat seal						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CMC Rcpt 32Ckt R blk mat seal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC Rcpt Conn Front End Blk T2 32Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC Rcpt Conn Back End Blk T2 32Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC TPA T2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
GROMMET REAR SEAL COVER 32 CKT GREY	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC LCK LEVER Blk T2	<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 HSG SEAL SILICON CKT	<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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Dec 7, 2020

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