

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 0643183011 **Part Weight** 35.32G

Part Name Pwr CMC Rcpt 28Ckt R blk mat seal

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Pwr CMC Rcpt 28Ckt R blk mat seal	Assembly		100	35.32
CMC Housing Seal Silicon LSR Ckt	Component		1.9253	0.68
VMQ	Material		1.9253	0.68
VMQ	Material		1.8771	0.663
Siloxanes and Silicones, di-Me, di-Ph	Substance	68083-14-7	0.1314	0.04641
Silamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products...	Substance	68909-20-6	0.4505	0.15912
VMQ	Substance		1.2952	0.45747
VMQ Masterbatch	Material		0.0481	0.017
VMQ	Substance		0.0457	0.01615
Pigment portion, not to declare	Substance	system	0.0024	0.00085
CMC PWR CONN BACK GRID GRY 28CKT	Component		7.333	2.59
PBT-GF20 Grey	Material		7.333	2.59
Color Concentrate	Material		0.1467	0.0518

Form Rev - F

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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	0.1006	0.035519
Titanium-dioxide	Substance	13463-67-7	0.0448	0.015835
Further Additives, not to declare	Substance	system	0.0013	0.000447
PBT GF NATURAL	Material		7.1863	2.5382
PBT	Substance		5.7059	2.015331
GF-Fibre	Substance		1.3941	0.492411
Further Additives, not to declare	Substance	system	0.0862	0.030458
CMC CPA T3	Component		22.6217	7.99
PBT GF BLACK	Material		22.6217	7.99
PBT	Substance		15.6592	5.530838
GF-Fibre	Substance		6.6105	2.334838
Pigment portion, not to declare	Substance	system	0.2169	0.076624
Further Additives, not to declare	Substance	system	0.1351	0.0477
CMC PWR CONN TPA YEL 28CKT	Component		3.8222	1.35
PBT-GF20 Yellow	Material		3.8222	1.35
Color Concentrate	Material		0.0764	0.027
PBT	Substance		0.049	0.017305
Titanium-dioxide	Substance	13463-67-7	0.0206	0.007278
Further Additives, not to declare	Substance	system	0.0068	0.002418
PBT GF NATURAL	Material		3.7458	1.323
PBT	Substance		2.9741	1.050462
GF-Fibre	Substance		0.7267	0.256662
Further Additives, not to declare	Substance	system	0.0449	0.015876
CMC Pwr Conn Back End Brn 28Ckt	Component		44.7339	15.8
PBT-GF20 Brown	Material		44.7339	15.8
Color Concentrate	Material		0.8947	0.316
PBT	Substance		0.7828	0.2765
Further Additives, not to declare	Substance	system	0.1118	0.0395

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PBT GF NATURAL	Material		43.8392	15.484
PBT	Substance		34.8083	12.294296
GF-Fibre	Substance		8.5048	3.003896
Further Additives, not to declare	Substance	system	0.5261	0.185808
CMC PWR CONN FRONT END BLK 28CKT	Component		14.0997	4.98
PBT GF BLACK	Material		14.0997	4.98
PBT	Substance		11.1839	3.950136
GF-Fibre	Substance		2.7241	0.962136
Pigment portion, not to declare	Substance	system	0.117	0.041334
Further Additives, not to declare	Substance	system	0.0747	0.026394
CMC PWR CONN SEAL GRN CKT	Component		5.4643	1.93
VMQ	Material		5.4643	1.93
VMQ Masterbatch	Material		0.1366	0.04825
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.1298	0.045837
Pigment portion, not to declare	Substance	system	0.0068	0.002412
VMQ	Material		5.3277	1.88175
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	3.5962	1.270181
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products...	Substance	68909-20-6	1.4385	0.508072
Dimethylsilicone	Substance	63148-62-9	0.2131	0.07527
Siloxanes and Silicones, di-Me, hydrogen-terminated	Substance	70900-21-9	0.0799	0.028226

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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)4578-DC (25 June 2020)

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 BLACK	*Note	220,000	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

Form Rev - F

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0643183011		Hazardous Substances				
Part Name Pwr CMC Rcpt 28Ckt R blk mat seal						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Pwr CMC Rcpt 28Ckt R 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"/>
CMC PWR CONN BACK GRID GRY 28CKT	<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 PWR CONN TPA YEL 28CKT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC Pwr Conn Back End Brn 28Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC PWR CONN FRONT END BLK 28CKT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMC PWR CONN SEAL GRN 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 17, 2020

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