

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 1600746009 **Part Weight** 18.659G

Part Name MX150UL ASSY RCPT 2X6 CPA STGY D/12

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX150UL ASSY RCPT 2X6 CPA STGY D/12	Assembly		100	18.659
MX150 ULV0 Rec 2x6 sealed HSG Stone Gray	Component		60.3462	11.26
PA6 GF GRAY	Material		60.3462	11.26
PA6	Substance		25.5868	4.77424
GF-Fibre	Substance		18.1039	3.378
Further Additives, not to declare	Substance	system	2.1121	0.3941
Carbon black	Substance	1333-86-4	0.3319	0.06193
Antimonytrioxide	Substance	1309-64-4	2.1121	0.3941
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.7675	2.1957
Pigment portion, not to declare	Substance	system	0.3319	0.06193
MX150 UL V0 Receptacle 2x6 TPA, Ash gray	Component		18.5969	3.47
PA6 GF ASH GRAY	Material		18.5969	3.47
PA6	Substance		7.7826	1.45216

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
GF-Fibre	Substance		5.5791	1.041
Antimonytrioxide	Substance	1309-64-4	1.0228	0.19085
Carbon black	Substance	1333-86-4	0.093	0.01735
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.6264	0.67665
Cobalt titanite green spinel	Substance	68186-85-6	0.0002	0.000035
Pigment portion, not to declare	Substance	system	0.2976	0.05552
Further Additives, not to declare	Substance	system	0.1953	0.036435
MX150 1.5 RCPT GROM CAP 12CKT 2X6 BLK	Component		9.5879	1.789
PA66+PS-GF20 BLACK	Material		9.5879	1.789
PS	Substance		2.1093	0.39358
PA66	Substance		5.1774	0.96606
GF-Fibre	Substance		1.9176	0.3578
Pigment portion, not to declare	Substance	system	0.0288	0.005367
Further Additives, not to declare	Substance	system	0.3548	0.066193
MX MATTE SEAL RCPT CKT X LTBLUE	Component		6.7528	1.26
VMQ	Material		6.7528	1.26
VMQ	Substance		3.9369	0.73458
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	2.6336	0.4914
Silicon dioxide	Substance	7631-86-9	0.0338	0.0063
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.0878	0.01638
Dimethylsilicone	Substance	63148-62-9	0.0169	0.00315
Cobalt-aluminate-blue-spinel	Substance	1345-16-0	0.0169	0.00315
Titanium-dioxide	Substance	13463-67-7	0.027	0.00504
MX PERIPHERAL SEAL CKT X	Component		2.6797	0.5
VMQ	Material		2.6797	0.5
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	0.7235	0.135
Silicon dioxide	Substance	7631-86-9	0.0429	0.008
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.0482	0.009

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Dimethylsilicone	Substance	63148-62-9	0.0054	0.001
VMQ	Substance		1.7096	0.319
Cerium-tetrahydroxide	Substance	12014-56-1	0.0107	0.002
Nepheline syenite	Substance	37244-96-5	0.1206	0.0225
Chromium(III)oxide	Substance	1308-38-9	0.0188	0.0035
MX150 CPA	Component		2.0366	0.38
PBT GF Red	Material		2.0366	0.38
PBT	Substance		1.4093	0.26296
GF-Fibre	Substance		0.611	0.114
Further Additives, not to declare	Substance	system	0.0061	0.00114
Pigment portion, not to declare	Substance	system	0.0102	0.0019

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

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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
Cobalt-aluminate-blue-spinel	VMQ	*Note	2,500	Yes
Cobalt titanite green spinel	PA6 GF ASH GRAY	*Note	10	Yes
glass, oxide, chemicals	PA6 GF GRAY	*Note	330,000	Yes
glass, oxide, chemicals	PBT GF Red	*Note	300,000	Yes
glass, oxide, chemicals	PA6 GF ASH GRAY	*Note	300,000	Yes
Antimonytrioxide	PA6 GF GRAY	*Note	50,000	Yes
Antimonytrioxide	PA6 GF ASH GRAY	*Note	55,000	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

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PA6 GF ASH GRAY	900	195,000	Yes
Bromine and its compounds	PA6 GF GRAY	900	220,000	Yes
Bromine and Chlorine combined	PA6 GF ASH GRAY	1,500	195,000	Yes
Bromine and Chlorine combined	PA6 GF GRAY	1,500	220,000	Yes

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China ROHS Declaration Information

Part Number	1600746009		Hazardous Substances				
Part Name	MX150UL ASSY RCPT 2X6 CPA STGY D/12						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX150UL ASSY RCPT 2X6 CPA STGY D/12		○	○	○	○	○	○
MX150 ULV0 Rec 2x6 sealed HSG Stone Gray		○	○	○	○	○	○
MX150 UL V0 Receptacle 2x6 TPA, Ash gray		○	○	○	○	○	○
MX150 1.5 RCPT GROM CAP 12CKT 2X6 BLK		○	○	○	○	○	○
MX MATTE SEAL RCPT CKT X LTBLUE		○	○	○	○	○	○
MX PERIPHERAL SEAL CKT X		○	○	○	○	○	○
MX150 CPA		○	○	○	○	○	○

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

May 31, 2021

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