

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 0349861602 **Part Weight** 23.729G

Part Name MX150 ASSY HYB BLD 2X8 LTGY B/16

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX150 ASSY HYB BLD 2X8 LTGY B/16	Assembly		100	23.729
MX150 HYB BLD HSNB 16CKT 2X8 LTGY B	Component		66.5852	15.8
PA66+PS GF LIGHT GRAY	Material		66.5852	15.8
PS	Substance		15.9804	3.792
PA66	Substance		28.6316	6.794
GF-Fibre	Substance		14.6487	3.476
Zinc sulphide	Substance	1314-98-3	0.9988	0.237
Further Additives, not to declare	Substance	system	6.3256	1.501
MX150 HYB BLD GROM CAP 16CKT 2X6 BLK	Component		16.2628	3.859
PA66+PS-GF20 BLACK	Material		16.2628	3.859
PS	Substance		3.5778	0.84898
PA66	Substance		8.7819	2.08386
GF-Fibre	Substance		3.2526	0.7718

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Pigment portion, not to declare	Substance	system	0.0488	0.011577
Further Additives, not to declare	Substance	system	0.6017	0.142783
MX MATTE SEAL BLD CKT HYB X	Component		5.605	1.33
VMQ	Material		5.605	1.33
VMQ	Substance		3.576	0.84854
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	1.5133	0.3591
Silicon dioxide	Substance	7631-86-9	0.0897	0.02128
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.1009	0.02394
Dimethylsilicone	Substance	63148-62-9	0.0112	0.00266
Cerium-tetrahydroxide	Substance	12014-56-1	0.0224	0.00532
Nepheline syenite	Substance	37244-96-5	0.2522	0.05985
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0392	0.00931
MX150 HYB BLD TPA 16CKT 2X8 NAT	Component		11.5471	2.74
PA66+PS-GF20 NATURAL	Material		11.5471	2.74
PS	Substance		2.4068	0.571098
PA66	Substance		6.5295	1.549388
GF-Fibre	Substance		2.2753	0.539917
Further Additives, not to declare	Substance	system	0.3354	0.079597

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

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(2021)4569-DC (8 July 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
zinc sulphide	PA66+PS GF LIGHT GRAY	*Note	15,000	Yes
Cerium-tetrahydroxide	VMQ	*Note	4,000	Yes

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

Exemptions

None

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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

Dec 24, 2021

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.