

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 0345661903 **Part Weight** 53.046G

Part Name MX123 HRN CONN ASSY 80 CKT OPT9 KEY G/80

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 HRN CONN ASSY 80 CKT OPT9 KEY G/80	Assembly		100	53.046
MX123 HSG 80 CKT OPT9 KEY G	Component		49.7681	26.4
PA66+PS GF BLACK	Material		49.7681	26.4
PS	Substance		10.4513	5.544
PA66	Substance		16.6723	8.844
GF-Fibre	Substance		17.4188	9.24
Carbon black	Substance	1333-86-4	0.4977	0.264
Further Additives, not to declare	Substance	system	4.728	2.508
MX RING SEAL / CKT	Component		2.6505	1.406
VMQ	Material		2.6505	1.406
Diiron-trioxide	Substance	1309-37-1	0.0133	0.00703
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.0265	0.01406
VMQ	Substance		2.6108	1.38491

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)
MX123 TPA 80 CKT OPT9 BLUE KEY G	Component		8.9696	4.758
PA66+PS GF BLUE	Material		8.9696	4.758
PS	Substance		1.8836	0.99918
PA66	Substance		3.3636	1.78425
GF-Fibre	Substance		2.8703	1.52256
Further Additives, not to declare	Substance	system	0.8521	0.45201
MX GROMMET SEAL CKT RUST RED	Component		7.1447	3.79
VMQ	Material		7.1447	3.79
VMQ	Substance		4.1218	2.186451
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	2.715	1.4402
Silicon dioxide	Substance	7631-86-9	0.0357	0.01895
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.2215	0.11749
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0507	0.026909
MX123 GROMMET CAP 80 CKT OPT9 NO OPEN	Component		9.5841	5.084
PA66+PS GF BLACK	Material		9.5841	5.084
PS	Substance		2.0127	1.06764
PA66	Substance		3.2107	1.70314
GF-Fibre	Substance		3.3544	1.7794
Carbon black	Substance	1333-86-4	0.0958	0.05084
Further Additives, not to declare	Substance	system	0.9105	0.48298
MX123 SLIDE L 73/80 CKT BLK	Component		3.7213	1.974
PBT+PTFE GF BLACK	Material		3.7213	1.974
PBT	Substance		1.927	1.022189
GF-Fibre	Substance		1.186	0.629106
PTFE	Substance		0.555	0.294383
Carbon black	Substance	1333-86-4	0.0534	0.028323
MX123 SLIDE R 73/80 CKT BLK	Component		3.7213	1.974
PBT+PTFE GF BLACK	Material		3.7213	1.974

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)
PBT	Substance		1.927	1.022189
GF-Fibre	Substance		1.186	0.629106
PTFE	Substance		0.555	0.294383
Carbon black	Substance	1333-86-4	0.0534	0.028323
MX123 CPA	Component		0.4883	0.259
PA66+PPE GF RED	Material		0.4883	0.259
PPE+PA66-I	Substance		0.4156	0.220474
GF-Fibre	Substance		0.0516	0.027389
Titanium-dioxide	Substance	13463-67-7	0.0046	0.002437
Further Additives, not to declare	Substance	system	0.012	0.006369
Pigment portion, not to declare	Substance	system	0.0044	0.002331
MX123 MATE ASSIST LEVER 73/80 CKT BLK	Component		13.952	7.401
PA66+PS GF BLACK	Material		13.952	7.401
PS	Substance		2.9299	1.55421
PA66	Substance		4.6739	2.479335
GF-Fibre	Substance		4.8832	2.59035
Carbon black	Substance	1333-86-4	0.1395	0.07401
Further Additives, not to declare	Substance	system	1.3254	0.703095

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

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.

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	PA66+PS GF BLACK	*Note	350,000	Yes
glass, oxide, chemicals	PA66+PS GF BLUE	*Note	320,000	Yes
glass, oxide, chemicals	PBT+PTFE GF BLACK	*Note	350,000	Yes
glass, oxide, chemicals	PA66+PPE GF RED	*Note	105,750	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

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.

China ROHS Declaration Information

Part Number	0345661903		Hazardous Substances				
Part Name	MX123 HRN CONN ASSY 80 CKT OPT9 KEY G/80						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX123 HRN CONN ASSY 80 CKT OPT9 KEY G/80		○	○	○	○	○	○
MX123 HSG 80 CKT OPT9 KEY G		○	○	○	○	○	○
MX RING SEAL / CKT		○	○	○	○	○	○
MX123 TPA 80 CKT OPT9 BLUE KEY G		○	○	○	○	○	○
MX GROMMET SEAL CKT RUST RED		○	○	○	○	○	○
MX123 GROMMET CAP 80 CKT OPT9 NO OPEN		○	○	○	○	○	○
MX123 SLIDE L 73/80 CKT BLK		○	○	○	○	○	○
MX123 SLIDE R 73/80 CKT BLK		○	○	○	○	○	○
MX123 CPA		○	○	○	○	○	○
MX123 MATE ASSIST LEVER 73/80 CKT BLK		○	○	○	○	○	○

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

Oct 15, 2020

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.