

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 0348220013 **Part Weight** 51.997G

Part Name MX123 HRN CONN ASSY 66 CKT OPT0 KEY A/66

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 HRN CONN ASSY 66 CKT OPT0 KEY A/66	Assembly		100	51.997
MX123 HSG 66 CKT OPT0 KEY A	Component		49.9067	25.95
PA66+PS GF BLACK	Material		49.9067	25.95
PS	Substance		10.4804	5.4495
PA66	Substance		16.7188	8.69325
GF-Fibre	Substance		17.4674	9.0825
Carbon black	Substance	1333-86-4	0.4991	0.2595
Further Additives, not to declare	Substance	system	4.7411	2.46525
MX RING SEAL / CKT	Component		2.704	1.406
VMQ	Material		2.704	1.406
Diiron-trioxide	Substance	1309-37-1	0.0135	0.00703
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.027	0.01406
VMQ	Substance		2.6634	1.38491

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 TPA 66 CKT OPT0 BLACK KEY A	Component		9.0544	4.708
PA66+PS GF BLACK	Material		9.0544	4.708
PS	Substance		1.9014	0.98868
PA66	Substance		3.0332	1.57718
GF-Fibre	Substance		3.169	1.6478
Carbon black	Substance	1333-86-4	0.0905	0.04708
Further Additives, not to declare	Substance	system	0.8602	0.44726
MX GROMMET SEAL CKT	Component		6.7312	3.5
VMQ	Material		6.7312	3.5
VMQ	Substance		3.8832	2.01915
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	2.5578	1.33
Silicon dioxide	Substance	7631-86-9	0.0337	0.0175
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.2087	0.1085
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0478	0.02485
MX123 GROMMET CAP 66 CKT OPT 0 NO OPEN	Component		9.2794	4.825
PA66+PS GF BLACK	Material		9.2794	4.825
PS	Substance		1.9487	1.01325
PA66	Substance		3.1086	1.616375
GF-Fibre	Substance		3.2478	1.68875
Carbon black	Substance	1333-86-4	0.0928	0.04825
Further Additives, not to declare	Substance	system	0.8815	0.458375
MX123 SLIDE L 73/80 CKT BLK	Component		3.7964	1.974
PBT+PTFE GF BLACK	Material		3.7964	1.974
PBT	Substance		1.9659	1.022189
GF-Fibre	Substance		1.2099	0.629106
PTFE	Substance		0.5662	0.294383
Carbon black	Substance	1333-86-4	0.0545	0.028323
MX123 SLIDE R 73/80 CKT BLK	Component		3.7964	1.974

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PBT+PTFE GF BLACK	Material		3.7964	1.974
PBT	Substance		1.9659	1.022189
GF-Fibre	Substance		1.2099	0.629106
PTFE	Substance		0.5662	0.294383
Carbon black	Substance	1333-86-4	0.0545	0.028323
MX123 CPA	Component		0.4981	0.259
PA66+PPE GF RED	Material		0.4981	0.259
PPE+PA66-I	Substance		0.424	0.220474
GF-Fibre	Substance		0.0527	0.027389
Titanium-dioxide	Substance	13463-67-7	0.0047	0.002437
Further Additives, not to declare	Substance	system	0.0122	0.006369
Pigment portion, not to declare	Substance	system	0.0045	0.002331
MX123 MATE ASSIST LEVER 73/80 CKT BLK	Component		14.2335	7.401
PA66+PS GF BLACK	Material		14.2335	7.401
PS	Substance		2.989	1.55421
PA66	Substance		4.7682	2.479335
GF-Fibre	Substance		4.9817	2.59035
Carbon black	Substance	1333-86-4	0.1423	0.07401
Further Additives, not to declare	Substance	system	1.3522	0.703095

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)9139-DC (19 Jan 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
glass, oxide, chemicals	PA66+PS GF BLACK	*Note	350,000	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

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A

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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

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