

# Product Compliance Declaration

Please see [www.molex.com](http://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** 0345661303 **Part Weight** 52.189G

**Part Name** MX123 HRN CONN ASSY 73 CKT OPT9 KEY A/73

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 HRN CONN ASSY 73 CKT OPT9 KEY A/73	Assembly		100	52.189
MX RING SEAL / CKT	Component		2.6941	1.406
VMQ	Material		2.6941	1.406
Diiron-trioxide	Substance	1309-37-1	0.0135	0.00703
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.0269	0.01406
VMQ	Substance		2.6536	1.38491
MX123 TPA 73 CKT OPT9 BLACK KEY A	Component		9.1169	4.758
PA66+PS GF BLACK	Material		9.1169	4.758
PS	Substance		1.9145	0.99918
PA66	Substance		3.0541	1.59393
GF-Fibre	Substance		3.1909	1.6653
Carbon black	Substance	1333-86-4	0.0912	0.04758
Further Additives, not to declare	Substance	system	0.8661	0.45201

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX GROMMET SEAL CKT RUST RED	Component		6.9612	3.633
VMQ	Material		6.9612	3.633
VMQ	Substance		4.0159	2.095878
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	2.6453	1.38054
Silicon dioxide	Substance	7631-86-9	0.0348	0.018165
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.2158	0.112623
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0494	0.025794
MX123 GROMMET CAP 73 CKT OPT9 NO OPEN	Component		9.7415	5.084
PA66+PS GF BLACK	Material		9.7415	5.084
PS	Substance		2.0457	1.06764
PA66	Substance		3.2634	1.70314
GF-Fibre	Substance		3.4095	1.7794
Carbon black	Substance	1333-86-4	0.0974	0.05084
Further Additives, not to declare	Substance	system	0.9254	0.48298
MX123 SLIDE L 73/80 CKT BLK	Component		3.7824	1.974
PBT+PTFE GF BLACK	Material		3.7824	1.974
PBT	Substance		1.9586	1.022189
GF-Fibre	Substance		1.2054	0.629106
PTFE	Substance		0.5641	0.294383
Carbon black	Substance	1333-86-4	0.0543	0.028323
MX123 SLIDE R 73/80 CKT BLK	Component		3.7824	1.974
PBT+PTFE GF BLACK	Material		3.7824	1.974
PBT	Substance		1.9586	1.022189
GF-Fibre	Substance		1.2054	0.629106
PTFE	Substance		0.5641	0.294383
Carbon black	Substance	1333-86-4	0.0543	0.028323
MX123 CPA	Component		0.4963	0.259
PA66+PPE GF RED	Material		0.4963	0.259

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PPE+PA66-I	Substance		0.4225	0.220474
GF-Fibre	Substance		0.0525	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		14.1811	7.401
PA66+PS GF BLACK	Material		14.1811	7.401
PS	Substance		2.978	1.55421
PA66	Substance		4.7507	2.479335
GF-Fibre	Substance		4.9634	2.59035
Carbon black	Substance	1333-86-4	0.1418	0.07401
Further Additives, not to declare	Substance	system	1.3472	0.703095
MX123 HSG 73 CKT OPT9 KEY A	Component		49.2441	25.7
PA66+PS GF BLACK	Material		49.2441	25.7
PS	Substance		10.3413	5.397
PA66	Substance		16.4968	8.6095
GF-Fibre	Substance		17.2354	8.995
Carbon black	Substance	1333-86-4	0.4924	0.257
Further Additives, not to declare	Substance	system	4.6782	2.4415

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## HFLH Declaration Information

**Regulatory Revision** IEC 61249-2-21

### Contained Substances Exceeding Threshold

Not reviewed

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## 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

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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
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

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## Process Information

Component Plating / Surface Finish	N/A
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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

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