

## 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** 0345660703 **Part Weight** 53.046G

**Part Name** MX123 HRN CONN ASSY 80 CKT OPT0 KEY G/80

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 HRN CONN ASSY 80 CKT OPT0 KEY G/80	Assembly		100	53.046
MX123 HSG 80 CKT OPT0 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

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 TPA 80 CKT OPT0 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 OPT0 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

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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

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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	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

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## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


### Contained Substances Exceeding Threshold

None

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## China ROHS Declaration Information

Part Number	0345660703		<b>Hazardous Substances</b>				
Part Name	MX123 HRN CONN ASSY 80 CKT OPT0 KEY G/80						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX123 HRN CONN ASSY 80 CKT OPT0 KEY G/80		○	○	○	○	○	○
MX123 HSG 80 CKT OPT0 KEY G		○	○	○	○	○	○
MX RING SEAL / CKT		○	○	○	○	○	○
MX123 TPA 80 CKT OPT0 BLUE KEY G		○	○	○	○	○	○
MX GROMMET SEAL CKT RUST RED		○	○	○	○	○	○
MX123 GROMMET CAP 80 CKT OPT0 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

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