

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

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Part Information

Part Number 0345660303 **Part Weight** 52.189G

Part Name MX123 HRN CONN ASSY 73 CKT OPT0 KEY C/73

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 HRN CONN ASSY 73 CKT OPT0 KEY C/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 OPT0 BLUE KEY C	Component		9.1169	4.758
PA66+PS GF BLUE	Material		9.1169	4.758
PS	Substance		1.9145	0.99918
PA66	Substance		3.4188	1.78425
GF-Fibre	Substance		2.9174	1.52256
Further Additives, not to declare	Substance	system	0.8661	0.45201
MX GROMMET SEAL CKT RUST RED	Component		6.9612	3.633

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
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 OPT0 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
PPE+PA66-I	Substance		0.4225	0.220474

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
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 OPT0 KEY C	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

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

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(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	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

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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