

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 0345760703 **Part Weight** 41.7309G

Part Name MX123 HRN CONN ASSY 56 CKT OPT0 KEY G/56

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 HRN CONN ASSY 56 CKT OPT0 KEY G/56	Assembly		100	41.7309
MX123 HSG 56 CKT OPT0 KEY G	Component		49.0045	20.45
PA66+PS GF BLACK	Material		49.0045	20.45
PS	Substance		10.2909	4.2945
PA66	Substance		16.4165	6.85075
GF-Fibre	Substance		17.1516	7.1575
Carbon black	Substance	1333-86-4	0.49	0.2045
Further Additives, not to declare	Substance	system	4.6554	1.94275
MX RING SEAL / CKT	Component		2.7555	1.1499
VMQ	Material		2.7555	1.1499
Diiron-trioxide	Substance	1309-37-1	0.0138	0.00575
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.0276	0.011499
VMQ	Substance		2.7142	1.132652

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 TPA 56 CKT OPT0 BLUE KEY G	Component		8.7968	3.671
PA66+PS GF BLUE	Material		8.7968	3.671
PS	Substance		1.8473	0.77091
PA66	Substance		3.2988	1.376625
GF-Fibre	Substance		2.815	1.17472
Further Additives, not to declare	Substance	system	0.8357	0.348745
MX GROMMET SEAL CKT RUST RED	Component		6.633	2.768
VMQ	Material		6.633	2.768
VMQ	Substance		3.8266	1.596859
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated	Substance	68083-18-1	2.5205	1.05184
Silicon dioxide	Substance	7631-86-9	0.0332	0.01384
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.2056	0.085808
Synthetic iron oxide (Fe2O3)	Substance	1332-37-2	0.0471	0.019653
MX123 GROMMET CAP 56 CKT OPT0 NO OPEN	Component		9.3576	3.905
PA66+PS GF BLACK	Material		9.3576	3.905
PS	Substance		1.9651	0.82005
PA66	Substance		3.1348	1.308175
GF-Fibre	Substance		3.2752	1.36675
Carbon black	Substance	1333-86-4	0.0936	0.03905
Further Additives, not to declare	Substance	system	0.889	0.370975
MX123 SLIDE L 49/56 CKT BLK	Component		3.1631	1.32
PA66+PPE GF BLACK	Material		3.1631	1.32
PPE	Substance		1.0888	0.454385
PA66	Substance		1.0888	0.454385
GF-Fibre	Substance		0.9124	0.38077
Pigment portion, not to declare	Substance	system	0.0365	0.01523
Further Additives, not to declare	Substance	system	0.0365	0.01523
MX123 SLIDE R 49/56 CKT BLK	Component		3.1631	1.32

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PA66+PPE GF BLACK	Material		3.1631	1.32
PPE	Substance		1.0888	0.454385
PA66	Substance		1.0888	0.454385
GF-Fibre	Substance		0.9124	0.38077
Pigment portion, not to declare	Substance	system	0.0365	0.01523
Further Additives, not to declare	Substance	system	0.0365	0.01523
MX123 CPA	Component		0.6206	0.259
PA66+PPE GF RED	Material		0.6206	0.259
PPE+PA66-I	Substance		0.5283	0.220474
GF-Fibre	Substance		0.0656	0.027389
Titanium-dioxide	Substance	13463-67-7	0.0058	0.002437
Further Additives, not to declare	Substance	system	0.0153	0.006369
Pigment portion, not to declare	Substance	system	0.0056	0.002331
MX123 MATE ASSIST LEVER 49/56 CKT BLK	Component		16.5058	6.888
PA66+PS GF BLACK	Material		16.5058	6.888
PS	Substance		3.4662	1.44648
PA66	Substance		5.5294	2.30748
GF-Fibre	Substance		5.777	2.4108
Carbon black	Substance	1333-86-4	0.1651	0.06888
Further Additives, not to declare	Substance	system	1.568	0.65436

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)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+PPE GF BLACK	*Note	350,000	Yes
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	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

Jan 10, 2021

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