

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 0313874009 **Part Weight** 23.409692G

Part Name MX123 80CKT GRAY H SHRD ASSY 313874009

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 80CKT GRAY H SHRD ASSY 313874009	Assembly		100	23.409692
MX123 SHROUD 80 CKT KEY HM GRAY	Component		69.9924	16.385
PBT GF GRAY	Material		69.9924	16.385
PBT	Substance		46.9649	10.994335
GF-Fibre	Substance		20.9977	4.9155
Zinc sulphide	Substance	1314-98-3	0.5949	0.139273
Pigment portion, not to declare	Substance	system	0.035	0.008193
Further Additives, not to declare	Substance	system	1.3998	0.3277
0.64 X 25.30 SQ PIN BRASS Au/BRIGHT Sn	Assembly		28.3369	6.633592
0.64 X 25.30 SQ PIN BRASS UNPLATED	Component		27.3391	6.4
Cartridge Brass 70% Unplated	Material		27.3391	6.4
Copper	Substance	7440-50-8	19.1374	4.48
Zinc (metal)	Substance	7440-66-6	8.2017	1.92

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Gold Plating	Material		0.0751	0.017592
Cobalt	Substance	7440-48-4	0.0002	0.000044
Nickel	Substance	7440-02-0	0.0002	0.000044
Gold	Substance	7440-57-5	0.0748	0.017504
Tin Plating	Material		0.5468	0.128
Tin	Substance	7440-31-5	0.5468	0.128
Nickel Plating	Material		0.3759	0.088
Nickel	Substance	7440-02-0	0.3759	0.087991
Further Additives, not to declare	Substance	system	4E-05	0.000009
E84 80 CKT PIN ALIGNMENT PLATE	Assembly		1.6707	0.3911
THERMAVOLT . X .	Assembly		1.6707	0.3911
TFT 5-5-5 : 3M(tm) TufQUIN Insulation Paper, TFT 5-5-5	Component		1.6707	0.3911
PET	Material		0.6881	0.161075
PET	Substance		0.6743	0.157854
Misc.	Substance	system	0.0138	0.003222
PET	Material		0.2017	0.047222
PET	Substance		0.1977	0.046277
Misc.	Substance	system	0.004	0.000944
PUR	Material		0.0594	0.013906
Misc.	Substance	system	0.0021	0.000487
PUR	Substance		0.0573	0.013419
COATING	Material		0.7215	0.168897
Misc.	Substance	system	0.0065	0.001518
Kaolin	Substance	1332-58-7	0.4967	0.11627
Copolymer of styrene and acrylic copolymer	Substance		0.2183	0.05111

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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(2021)4569-DC (8 July 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
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
zinc sulphide	PBT GF GRAY	*Note	8,500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)

Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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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