

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 0313862001 **Part Weight** 17.966514G

Part Name MX123 56CKT BLUE G SHRD ASSY 313862001

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 56CKT BLUE G SHRD ASSY 313862001	Assembly		100	17.966514
MX123 SHROUD 56 CKT KEY GA BLUE	Component		72.6351	13.05
PBT GF BLUE	Material		72.6351	13.05
PBT	Substance		46.9949	8.44335
GF-Fibre	Substance		23.2432	4.176
Further Additives, not to declare	Substance	system	2.397	0.43065
0.64 X 25.30 SQ PIN BRASS Au/BRIGHT Sn	Assembly		25.8454	4.643514
0.64 X 25.30 SQ PIN BRASS UNPLATED	Component		24.9353	4.48
Cartridge Brass 70% Unplated	Material		24.9353	4.48
Copper	Substance	7440-50-8	17.4547	3.136
Zinc (metal)	Substance	7440-66-6	7.4806	1.344
Gold Plating	Material		0.0685	0.012314
Cobalt	Substance	7440-48-4	0.0002	0.000031

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.0002	0.000031
Gold	Substance	7440-57-5	0.0682	0.012253
Tin Plating	Material		0.4987	0.0896
Tin	Substance	7440-31-5	0.4987	0.0896
Nickel Plating	Material		0.3429	0.0616
Nickel	Substance	7440-02-0	0.3428	0.061594
Further Additives, not to declare	Substance	system	3E-05	0.000006
E84 56 CKT PIN ALIGNMENT PLATE	Assembly		1.5195	0.273
THERMAVOLT MYLAR 0.381 X 39.07	Component		1.5195	0.273
PET+PAK+Clay	Material		1.5195	0.273
PET	Substance		0.5492	0.098678
Kaolin	Substance	1332-58-7	0.61	0.109598
1,4-Benzenedicarbonyl dichloride, polymer with 1,4-benzenediamine	Substance	26125-61-1	0.1531	0.027512
SAN	Substance		0.069	0.012404
Aluminium hydroxide	Substance	21645-51-2	0.0842	0.015134
PAK	Substance		0.0538	0.009674

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 ED/01/2018 (15 January 2018)

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		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
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
glass, oxide, chemicals	PBT GF BLUE	*Note	320,000	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
	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/cm2/week)

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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