

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 0313878004 **Part Weight** 23.264559G

Part Name MX123 AG 66CKT BLK A SHRD ASSY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX123 AG 66CKT BLK A SHRD ASSY	Assembly		100	23.264559
SHROUD HOUSING 66 CKT BLK KEY AD	Component		70.4935	16.4
PBT GF BLACK	Material		70.4935	16.4
PBT	Substance		47.7593	11.111
GF-Fibre	Substance		21.148	4.92
Carbon black	Substance	1333-86-4	0.1762	0.041
Further Additives, not to declare	Substance	system	1.4099	0.328
0.64 X 25.30 SQ PIN BRASS Ag/BRIGHT Sn	Assembly		23.1144	5.377459
0.64 X 25.30 SQ PIN BRASS UNPLATED	Component		22.0077	5.12
Cartridge Brass 70% Unplated	Material		22.0077	5.12
Copper	Substance	7440-50-8	15.4054	3.584
Zinc (metal)	Substance	7440-66-6	6.6023	1.536
Silver Plating	Material		0.0888	0.020659

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Silver	Substance	7440-22-4	0.0888	0.020659
Tin Plating	Material		0.6052	0.1408
Tin	Substance	7440-31-5	0.6052	0.1408
Nickel Plating	Material		0.4126	0.096
Nickel	Substance	7440-02-0	0.4126	0.09599
Further Additives, not to declare	Substance	system	4E-05	0.00001
T87 PLATED GROUND PIN ANGLED/ANGLED BARB	Assembly		4.711	1.096
T87 UNPLTD GROUND PIN ANGLED/ANGLED BARB	Component		4.6337	1.078
Cartridge Brass 70% Unplated	Material		4.6337	1.078
Copper	Substance	7440-50-8	3.2436	0.7546
Zinc (metal)	Substance	7440-66-6	1.3901	0.3234
Nickel Plating	Material		0.0318	0.0074
Nickel	Substance	7440-02-0	0.0318	0.007399
Further Additives, not to declare	Substance	system	3E-06	7E-07
Tin Plating	Material		0.0456	0.0106
Tin	Substance	7440-31-5	0.0456	0.0106
T87 PIN ALIGNMENT PLATE	Assembly		1.6811	0.3911
THERMAVOLT . X .	Assembly		1.6811	0.3911
TFT 5-5-5 : 3M(tm) TufQUIN Insulation Paper, TFT 5-5-5	Component		1.6811	0.3911
PET	Material		0.6924	0.161075
PET	Substance		0.6785	0.157854
Misc.	Substance	system	0.0138	0.003222
PET	Material		0.203	0.047222
PET	Substance		0.1989	0.046277
Misc.	Substance	system	0.0041	0.000944
PUR	Material		0.0598	0.013906
Misc.	Substance	system	0.0021	0.000487
PUR	Substance		0.0577	0.013419

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
COATING	Material		0.726	0.168897
Misc.	Substance	system	0.0065	0.001518
Kaolin	Substance	1332-58-7	0.4998	0.11627
Copolymer of styrene and acrylic copolymer	Substance		0.2197	0.05111

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

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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
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
silver	e-plate Ag (electrodeposited Silver Coatings)	*Note	999,000	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
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

Jan 3, 2022

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