

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 5033981892 **Part Weight** 0.271467G

Part Name Micro SD Push/Push Normal Super Small 8C

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Micro SD Push/Push Normal Super Small 8C	Assembly		100	0.271467
MicroSDPush/PushNormalSuperSmallAssy8Ckt	Assembly		100	0.271467
Micro SD Push/Push Overmold Hsg 8Ckt	Assembly		38.6787	0.105
Micro SD Push/Push Term&Detect SW W/Plt	Assembly		24.5334	0.0666
Micro SD Push/Push Term&Detect SW W/OPlt	Component		24.2018	0.0657
Phosphor Bronze 8% Unplated	Material		24.2018	0.0657
Phosphorus	Substance	7723-14-0	0.046	0.000125
Tin	Substance	7440-31-5	1.9361	0.005256
Copper	Substance	7440-50-8	22.2197	0.060319
99.5/0.5 Gold/Cobalt Plating	Material		0.0033	0.000009
Gold	Substance	7440-57-5	0.0033	0.000009
Cobalt	Substance	7440-48-4	2E-5	4E-8
Nickel Plating	Material		0.2221	0.000603

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.2221	0.000603
Tin Plating	Material		0.1028	0.000279
Tin	Substance	7440-31-5	0.1028	0.000279
Sealing Surface Treatment	Material		0.0033	0.000009
Octadecylamine	Substance	124-30-1	2E-5	4E-8
1,1-Dioxide-1,2-benzisothiazol-3(2H)-one, sodium salt	Substance	128-44-9	0.0005	0.000001
Lauramide	Substance	1120-16-7	0.0013	0.000004
Petrolatum	Substance	8009-03-8	0.0013	0.000004
Sodium benzothiazol-2-yl sulfide	Substance	2492-26-4	0.0001	4E-7
LCP GF/MF BLACK	Material		14.1454	0.0384
BASIC POLYMER: LCP	Substance		9.4774	0.025728
MAGNESIUM POWDER (STABILIZED)	Substance		2.2633	0.006144
Further Additives	Substance	system	0.1415	0.000384
GF-FIBRE	Substance		2.2633	0.006144
Micro SD Push/Push Heart CAM Slider	Component		2.947	0.008
LCP-GF30	Material		2.947	0.008
Carbon black	Substance	1333-86-4	0.0147	0.00004
BASIC POLYMER: LCP	Substance		2.0039	0.00544
Further Additives	Substance	system	0.0442	0.00012
GF-FIBRE	Substance		0.8841	0.0024
Micro SD Push/Push Shell W/Pt	Assembly		46.9387	0.127423
Micro SD Push/Push Shell W/OPt	Component		46.1935	0.1254
Stainless Steel Unplated	Material		46.1935	0.1254
Chromium	Substance	7440-47-3	7.8529	0.021318
Nickel	Substance	7440-02-0	3.2335	0.008778
Iron	Substance	7439-89-6	35.107	0.095304
Nickel Plating	Material		0.7367	0.002
Nickel	Substance	7440-02-0	0.7367	0.002

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
99.5/0.5 Gold/Cobalt Plating	Material		0.0085	0.000023
Gold	Substance	7440-57-5	0.0084	0.000023
Cobalt	Substance	7440-48-4	4E-5	1E-7
Micro SD Push/Push Coil Spring	Component		6.2623	0.017
Piano Wire	Material		6.2568	0.016985
Manganese	Substance	7439-96-5	0.0375	0.000102
Copper	Substance	7440-50-8	0.0125	0.000034
Silicon	Substance	7440-21-3	0.0138	0.000037
Carbon	Substance	7440-44-0	0.0516	0.00014
Phosphorus	Substance	7723-14-0	0.0156	0.000042
Sulphur	Substance	7704-34-9	0.0016	0.000004
Iron	Substance	7439-89-6	6.1242	0.016625
Nickel/Phosphorus Plating	Material		0.0054	0.000015
Phosphorus	Substance	7723-14-0	0.0005	0.000001
Nickel	Substance	7440-02-0	0.0049	0.000013
Micro SD Pin For Heart CAM	Component		0.7367	0.002
Stainless Steel Unplated	Material		0.7367	0.002
Iron	Substance	7439-89-6	0.5286	0.001435
Nickel	Substance	7440-02-0	0.0681	0.000185
Chromium	Substance	7440-47-3	0.14	0.00038
Micro SD Push/Push Detect LevW/NotcW/Plt	Assembly		4.4352	0.01204
Micro SD Push/Push DetectLevW/NotcW/OPlt	Component		4.3468	0.0118
Phosphor Bronze 8% Unplated	Material		4.3468	0.0118
Phosphorus	Substance	7723-14-0	0.0083	0.000022
Tin	Substance	7440-31-5	0.3477	0.000944
Copper	Substance	7440-50-8	3.9908	0.010834
Nickel Plating	Material		0.0653	0.000177
Nickel	Substance	7440-02-0	0.0653	0.000177
99.5/0.5 Gold/Cobalt Plating	Material		0.0231	0.000063

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Gold	Substance	7440-57-5	0.0229	0.000062
Cobalt	Substance	7440-48-4	0.0001	3E-7
Lubricant	Material		0.0004	0.000001
Ester Oil, synthetic, for lubricants	Substance		0.0004	0.000001
Lubricant	Material		0.0004	0.000001
Misc.	Substance	system	3E-5	8E-8
Butane, 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy	Substance	163702-07-6	0.0002	5E-7
Propane, 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoro-	Substance	163702-08-7	0.0002	5E-7
Grease	Material		0.0004	0.000001
1-Decene, homopolymer, hydrogenated	Substance	68037-01-4	0.0003	8E-7
Lithium 12-hydroxystearate	Substance	7620-77-1	5E-5	1E-7
Misc.	Substance	system	4E-6	1E-8
TAT INK M-505N BLACK	Material		0.0004	0.000001
Polyester resin	Substance		0.0003	7E-7
Carbon black	Substance	1333-86-4	0.0001	3E-7

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

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REACH-SVHC Declaration Information

Regulatory Revision ED/88/2018 (15 January 2019)

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
Petrolatum; Petrolatum	Sealing Surface Treatment	*Note	400,000	Yes
Octadecylamine	Sealing Surface Treatment	*Note	19,000	Yes
Sodium benzothiazol-2-yl sulfide	Sealing Surface Treatment	*Note	57,000	Yes
Lead	Phosphor Bronze, 8%	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Nickel	Nickel/Phosphorus Plating	*Note	900,000	Yes
Nickel	Austenitic Cr-Ni Stainless Steel (301)	*Note	70,000	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Nickel	Stainless Steel Unplated	*Note	105,000	Yes
Cobalt	99.5/0.5 Gold/Cobalt Plating	*Note	5,000	Yes
Cobalt	99.5/0.5 Gold/Cobalt Plating	*Note	5,000	Yes
Copper	Piano Wire	*Note	2,000	Yes
Copper	Phosphor Bronze, 8%	*Note	913,850	Yes
Glass fibres	LCP-GF30	*Note	300,000	Yes
Glass fibres	LCP GF/MF BLACK	*Note	160,000	Yes

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

Part Name	Exemption
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Exemptions

Part Name	Exemption
Phosphor Bronze, 8%	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Nickel/Phosphorus Plating	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
Austenitic Cr-Ni Stainless Steel (301)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
Stainless Steel Unplated	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number	5033981892		Hazardous Substances				
Part Name	Micro SD Push/Push Normal Super Small 8C						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Micro SD Push/Push Normal Super Small 8C		○	○	○	○	○	○
MicroSDPush/PushNormalSuperSmallAssy8Ckt		○	○	○	○	○	○
Micro SD Push/Push Overmold Hsg 8Ckt		○	○	○	○	○	○
Micro SD Push/Push Term&Detect SW W/Pt		○	○	○	○	○	○
Micro SD Push/Push Term&Detect SW W/OPt		○	○	○	○	○	○
Micro SD Push/Push Heart CAM Slider		○	○	○	○	○	○
Micro SD Push/Push Shell W/Pt		○	○	○	○	○	○
Micro SD Push/Push Shell W/OPt		○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Micro SD Push/Push Coil Spring	○	○	○	○	○	○
Micro SD Pin For Heart CAM	○	○	○	○	○	○
Micro SD Push/Push Detect LevW/NotcW/Plt	○	○	○	○	○	○
Micro SD Push/Push DetectLevW/NotcW/OPlt	○	○	○	○	○	○

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

Jul 4, 2019

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