

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 0475530001 **Part Weight** 1.529924G

Part Name ASSY FOR PUSH-PUSH 6 PINS SIM CONN.

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
ASSY FOR PUSH-PUSH 6 PINS SIM CONN.	Assembly		100	1.529924
INSERT MOLD PUSH-PUSH 6 PINS SIM CONN.	Component		37.5313	0.5742
LCP GF/MF BLACK	Material		10.994	0.1682
LCP	Substance		6.5634	0.100415
Limestone	Substance	1317-65-3	1.869	0.028594
Further Additives	Substance	system	0.1429	0.002187
GF-Fiber	Substance		2.4187	0.037004
Phosphor Bronze 8% Unplated	Material		26.1074	0.399423
Copper	Substance	7440-50-8	23.9692	0.36671
Tin	Substance	7440-31-5	2.0886	0.031954
Phosphorus	Substance	7723-14-0	0.0496	0.000759
Nickel Plating	Material		0.3158	0.004831
Nickel	Substance	7440-02-0	0.3158	0.004831

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Further Additives	Substance	system	3E-5	5E-7
Gold Plating	Material		0.1141	0.001746
Cobalt	Substance	7440-48-4	0.0003	0.000004
Nickel	Substance	7440-02-0	0.0003	0.000004
Gold	Substance	7440-57-5	0.1136	0.001737
SHELL FOR PUSH-PUSH 6 PINS SIM CONN.	Component		54.7652	0.837866
Plating Nickel	Material		0.4107	0.006284
Nickel	Substance	7440-02-0	0.4107	0.006284
SUS304	Material		54.2176	0.829487
Nickel	Substance	7440-02-0	4.6627	0.071336
Manganese	Substance	7439-96-5	1.0844	0.01659
Phosphorus	Substance	7723-14-0	0.0244	0.000373
Carbon black	Substance	1333-86-4	0.0434	0.000664
Iron	Substance	7439-89-6	42.7099	0.653429
Chromium	Substance	7440-47-3	5.6928	0.087096
Gold plating	Material		0.1369	0.002095
Gold	Substance	7440-57-5	0.1369	0.002095
CAM PIN FOR PUSH-PUSH 6 PINS SIM CONN.	Component		0.5659	0.008658
Stainless Steel Unplated	Material		0.5659	0.008658
Chromium	Substance	7440-47-3	0.1075	0.001645
Nickel	Substance	7440-02-0	0.0523	0.000801
Iron	Substance	7439-89-6	0.406	0.006212
SPRING FOR PUSH-PUSH 6 PINS SIM CONN.	Component		0.9216	0.0141
SWPB	Material		0.9124	0.013959
Carbon	Substance	7440-44-0	0.0075	0.000114
Silicon	Substance	7440-21-3	0.0016	0.000025
Manganese	Substance	7439-96-5	0.0004	0.000007
Phosphorus	Substance	7723-14-0	0.0001	0.000002
Sulphur	Substance	7704-34-9	6E-5	1E-6

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper	Substance	7440-50-8	9E-5	0.000001
Iron	Substance	7439-89-6	0.9026	0.013809
NICKEL PLATING	Material		0.0092	0.000141
Nickel	Substance	7440-02-0	0.0092	0.000141
LOWER DETECT PIN PUSH-PUSH 6 PINS SIM	Component		0.7582	0.0116
Nickel Plating	Material		0.0038	0.000058
Nickel	Substance	7440-02-0	0.0038	0.000058
Further Additives	Substance	system	4E-7	6E-9
Gold Plating	Material		0.0038	0.000058
Cobalt	Substance	7440-48-4	9E-6	1E-7
Nickel	Substance	7440-02-0	9E-6	1E-7
Gold	Substance	7440-57-5	0.0038	0.000058
CuSn8	Material		0.7506	0.011484
Nickel	Substance	7440-02-0	0.0008	0.000011
Zinc (metal)	Substance	7440-66-6	0.0008	0.000011
Lead	Substance	7439-92-1	8E-5	0.000001
Tin	Substance	7440-31-5	0.0601	0.000919
Phosphorus	Substance	7723-14-0	0.0015	0.000024
Copper	Substance	7440-50-8	0.6863	0.0105
Iron	Substance	7439-89-6	0.0004	0.000006
Misc.	Substance	system	0.0008	0.000011
UPPER DETECT PIN PUSH-PUSH 6 PINS SIM	Component		2.6668	0.0408
CuSn8	Material		2.6145	0.04
Nickel	Substance	7440-02-0	0.0026	0.00004
Zinc (metal)	Substance	7440-66-6	0.0026	0.00004
Lead	Substance	7439-92-1	0.0003	0.000004
Tin	Substance	7440-31-5	0.2092	0.0032
Phosphorus	Substance	7723-14-0	0.0054	0.000082
Copper	Substance	7440-50-8	2.3906	0.036574

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Iron	Substance	7439-89-6	0.0013	0.00002
Misc.	Substance	system	0.0026	0.00004
Nickel Plating	Material		0.0515	0.000788
Nickel	Substance	7440-02-0	0.0515	0.000788
Further Additives	Substance	system	5E-6	8E-8
Gold Plating	Material		0.0008	0.000012
Cobalt	Substance	7440-48-4	2E-6	3E-8
Nickel	Substance	7440-02-0	2E-6	3E-8
Gold	Substance	7440-57-5	0.0008	0.000012
HEART CAM FOR PUSH-PUSH 6 PINS SIM CONN.	Component		2.791	0.0427
PA46 GF BLACK	Material		2.791	0.0427
PA46	Substance		1.2113	0.018532
Antimonytrioxide	Substance	1309-64-4	0.1535	0.002349
Flame Retardant, ISO 1043-4 FR(17)	Substance		0.5442	0.008327
Carbon black	Substance	1333-86-4	0.014	0.000214
Further Additives	Substance	system	0.0307	0.00047
GF-Fiber	Substance		0.8373	0.01281

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

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REACH-SVHC Declaration Information

Regulatory Revision ED/01/2017 (12 January 2017)

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	Phosphor Bronze, 8%	*Note	250	Yes
Copper	SWPB	*Note	100	Yes
Copper	Phosphor Bronze, 8%	*Note	913,850	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Antimonytrioxide	PA46 GF BLACK	*Note	55,000	Yes
Glass fibres	LCP GF/MF BLACK	*Note	220,000	Yes
Glass fibres	PA46 GF BLACK	*Note	300,000	Yes
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Copper	CuSn8	*Note	914,350	Yes
Nickel	NICKEL PLATING	*Note	1,000,000	Yes
Nickel	SUS304	*Note	86,000	Yes
Nickel	CuSn8	*Note	1,000	Yes
Nickel	Plating Nickel	*Note	1,000,000	Yes
Nickel	Austenitic Cr-Ni Stainless Steel (304, TP304, 8, 8A)	*Note	95,000	Yes
Lead	CuSn8	*Note	100	Yes

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

Part Name	Exemption
Phosphor Bronze, 8%	44 Concentration within acceptable GADSL limits
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)

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Exemptions

Part Name	Exemption
NICKEL PLATING	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
SUS304	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
CuSn8	34 Not applicable
Plating Nickel	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
Austenitic Cr-Ni Stainless Steel (304, TP304, 8, 8A)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
CuSn8	44 Concentration within acceptable GADSL limits


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PA46 GF BLACK	900	195,000	Yes
Bromine and Chlorine combined	PA46 GF BLACK	1,500	195,000	Yes

China ROHS Declaration Information

Part Number 0475530001		Hazardous Substances					
Part Name ASSY FOR PUSH-PUSH 6 PINS SIM CONN.							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
ASSY FOR PUSH-PUSH 6 PINS SIM CONN.	○	○	○	○	○	○	
INSERT MOLD PUSH-PUSH 6 PINS SIM CONN.	○	○	○	○	○	○	
SHELL FOR PUSH-PUSH 6 PINS SIM CONN.	○	○	○	○	○	○	
CAM PIN FOR PUSH-PUSH 6 PINS SIM CONN.	○	○	○	○	○	○	
SPRING FOR PUSH-PUSH 6 PINS SIM CONN.	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
LOWER DETECT PIN PUSH-PUSH 6 PINS SIM	○	○	○	○	○	○
UPPER DETECT PIN PUSH-PUSH 6 PINS SIM	○	○	○	○	○	○
HEART CAM FOR PUSH-PUSH 6 PINS SIM CONN.	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	AuNi
Termination Base Alloy	P-Bronze
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	010
Maximum Process Temperature (C)	250
Maximum Cycles at Reflow Temperature	002
J-STD-020 Moisture Sensitivity Level	N/A

Mar 7, 2017

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