

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 0522710679 **Part Weight** 0.354096G

Part Name 1.0 FPC ZIF For SMT EmbsTp Pkg 6Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
1.0 FPC ZIF For SMT EmbsTp Pkg 6Ckt	Assembly		100	0.354096
FITTING NAIL	Assembly		10.605	0.037552
FITIN NAIL FOR 52271-**17	Component		10.3927	0.0368
Phosphor Bronze 5% Unplated	Material		10.3927	0.0368
Copper	Substance	7440-50-8	9.8574	0.034905
Tin	Substance	7440-31-5	0.5196	0.00184
Phosphorus	Substance	7723-14-0	0.0156	0.000055
Nickel Plating	Material		0.1062	0.000376
Nickel	Substance	7440-02-0	0.1062	0.000376
Tin Plating	Material		0.1062	0.000376
Tin	Substance	7440-31-5	0.1062	0.000376
1.0 FPC CONN ACTUATOR	Component		18.3848	0.0651
PPS GF NATURAL	Material		18.3848	0.0651

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PPS	Substance		10.1117	0.035805
GF-Fibre	Substance		7.3539	0.02604
Further Additives, not to declare	Substance	system	0.9192	0.003255
1.0 FPC Conn ZIF Hsg 6Ckt	Component		35.047	0.1241
PA46 GF30 NATURAL	Material		35.047	0.1241
PA46	Substance		14.1765	0.050198
GF-Fibre	Substance		10.6893	0.03785
Flame Retardant, ISO 1043-4 FR(17)	Substance		7.7103	0.027302
Antimonytrioxide	Substance	1309-64-4	2.1028	0.007446
Further Additives, not to declare	Substance	system	0.368	0.001303
1.0 FPC ZIF SMT Solder Term Chain W/Plt	Assembly		35.9631	0.127344
1.0 FPC CONN SOLDER TERM	Component		35.2447	0.1248
Phosphor Bronze 5% Unplated	Material		35.2447	0.1248
Copper	Substance	7440-50-8	33.4296	0.118373
Tin	Substance	7440-31-5	1.7622	0.00624
Phosphorus	Substance	7723-14-0	0.0529	0.000187
Nickel Plating	Material		0.3592	0.001272
Nickel	Substance	7440-02-0	0.3592	0.001272
97/3 Tin/Bismuth Plating	Material		0.3592	0.001272
Tin	Substance	7440-31-5	0.3484	0.001234
Bismuth	Substance	7440-69-9	0.0108	0.000038

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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(2020)9139-DC (19 Jan 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	e-plate SnBi3 (electrodeposited Tin-Bismuth Coatings)	*Note	150	Yes
lead	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Antimonytrioxide	PA46 GF30 NATURAL	*Note	60,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes
glass, oxide, chemicals	PPS GF NATURAL	*Note	400,000	Yes

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

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Exemptions

Part Name	Exemption
e-plate SnBi3 (electrodeposited Tin-Bismuth Coatings)	44 Concentration within acceptable GADSL limits
Phosphor Bronze 5% A (CA510)	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)


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 GF30 NATURAL	900	220,000	Yes
Chlorine and its compounds	PPS GF NATURAL	900	5,000	Impurity
Bromine and Chlorine combined	PA46 GF30 NATURAL	1,500	220,000	Yes

China ROHS Declaration Information

Part Number 0522710679		Hazardous Substances					
Part Name 1.0 FPC ZIF For SMT EmbsTp Pkg 6Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
1.0 FPC ZIF For SMT EmbsTp Pkg 6Ckt	○	○	○	○	○	○	
FITTING NAIL	○	○	○	○	○	○	
FITIN NAIL FOR 52271-**17	○	○	○	○	○	○	
1.0 FPC CONN ACTUATOR	○	○	○	○	○	○	
1.0 FPC Conn ZIF Hsg 6Ckt	○	○	○	○	○	○	
1.0 FPC ZIF SMT Solder Term Chain W/Pt	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
1.0 FPC CONN SOLDER TERM	○	○	○	○	○	○

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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