

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 0533980271 **Part Weight** 0.125692G

Part Name 1.25 WtB Wafer Assy 2Ckt EmbsTp Pkg

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
1.25 WtB Wafer Assy 2Ckt EmbsTp Pkg	Assembly		100	0.125692
1.25 W/B Wafer Assy For SMT ST 2Ckt	Assembly		100	0.125692
1.25 WtB SMT Str Wafer 2Ckt	Component		56.4873	0.071
PA46 GF30 NATURAL	Material		56.4873	0.071
PA46	Substance		22.8491	0.028719
GF-Fibre	Substance		17.2286	0.021655
Flame Retardant, ISO 1043-4 FR(17)	Substance		12.4272	0.01562
Antimonytrioxide	Substance	1309-64-4	3.3892	0.00426
Further Additives, not to declare	Substance	system	0.5931	0.000745
1.25 W/B SOLDER PIN	Component		19.9694	0.0251
Tin Plating	Material		0.1575	0.000198
Tin	Substance	7440-31-5	0.1575	0.000198
1.25 W/B SOLDER PIN	Component		19.5717	0.0246

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Phosphor Bronze 5% Unplated	Material		19.5717	0.0246
Copper	Substance	7440-50-8	18.5637	0.023333
Tin	Substance	7440-31-5	0.9786	0.00123
Phosphorus	Substance	7723-14-0	0.0294	0.000037
Nickel Plating	Material		0.2403	0.000302
Nickel	Substance	7440-02-0	0.2403	0.000302
Fitting Nail Chain W/Pt	Assembly		23.5433	0.029592
FITTING NAIL FOR 53261	Component		23.0723	0.029
Phosphor Bronze 5% Unplated	Material		23.0723	0.029
Copper	Substance	7440-50-8	21.884	0.027507
Tin	Substance	7440-31-5	1.1536	0.00145
Phosphorus	Substance	7723-14-0	0.0346	0.000044
Tin Plating	Material		0.2355	0.000296
Tin	Substance	7440-31-5	0.2355	0.000296
Nickel Plating	Material		0.2355	0.000296
Nickel	Substance	7440-02-0	0.2355	0.000296

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 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	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

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

Exemptions

Part Name	Exemption
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/cm ² /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

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and Chlorine combined	PA46 GF30 NATURAL	1,500	220,000	Yes

China ROHS Declaration Information

Part Number	0533980271		Hazardous Substances				
Part Name	1.25 WtB Wafer Assy 2Ckt EmbsTp Pkg						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
1.25 WtB Wafer Assy 2Ckt EmbsTp Pkg		○	○	○	○	○	○
1.25 W/B Wafer Assy For SMT ST 2Ckt		○	○	○	○	○	○
1.25 WtB SMT Str Wafer 2Ckt		○	○	○	○	○	○
1.25 W/B SOLDER PIN		○	○	○	○	○	○
1.25 W/B SOLDER PIN		○	○	○	○	○	○
Fitting Nail Chain W/Pt		○	○	○	○	○	○
FITTING NAIL FOR 53261		○	○	○	○	○	○

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

Jun 9, 2021

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