

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 0533980471 **Part Weight** 0.170799G

Part Name PicoBlade 1.25 SMT ST PKG 4P

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PicoBlade 1.25 SMT ST PKG 4P	Assembly		100	0.170799
1.25 W/B Wafer Assy For SMT ST 4Ckt	Assembly		100	0.170799
Fitting Nail Chain W/Plt	Assembly		17.3256	0.029592
FITTING NAIL FOR 53261	Component		16.979	0.029
Phosphor Bronze 5% Unplated	Material		16.979	0.029
Copper	Substance	7440-50-8	16.1046	0.027507
Tin	Substance	7440-31-5	0.849	0.00145
Phosphorus	Substance	7723-14-0	0.0255	0.000044
Tin Plating	Material		0.1733	0.000296
Tin	Substance	7440-31-5	0.1733	0.000296
Nickel Plating	Material		0.1733	0.000296
Nickel	Substance	7440-02-0	0.1733	0.000296
1.25 W/B SOLDER PIN	Component		29.3955	0.050207

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.0023	0.000004
Tin	Substance	7440-31-5	0.0023	0.000004
1.25 W/B SOLDER PIN	Component		28.8058	0.0492
Phosphor Bronze 5% Unplated	Material		28.8058	0.0492
Copper	Substance	7440-50-8	27.3223	0.046666
Tin	Substance	7440-31-5	1.4403	0.00246
Phosphorus	Substance	7723-14-0	0.0432	0.000074
Nickel Plating	Material		0.0023	0.000004
Nickel	Substance	7440-02-0	0.0023	0.000004
Sealing Surface Treatment	Material		0.585	0.000999
Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy	Substance	24938-91-8	0.5844	0.000998
Misc.	Substance	system	0.0006	1E-06
1.25 WtB SMT Str Wafer 4Ckt	Component		53.2789	0.091
PA46 GF30 NATURAL	Material		53.2789	0.091
PA46	Substance		21.5513	0.03681
GF-Fibre	Substance		16.2501	0.027755
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.7214	0.02002
Antimonytrioxide	Substance	1309-64-4	3.1967	0.00546
Further Additives, not to declare	Substance	system	0.5594	0.000956

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(2022)4187-DC (10 June 2022)

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 Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Lead	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Antimonytrioxide	PA46 GF30 NATURAL	*Note	60,000	Yes
nickel	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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Phosphor Bronze 5% A (CA510)	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

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PA46 GF30 NATURAL	900	220,000	Yes
Bromine and Chlorine combined	PA46 GF30 NATURAL	1,500	220,000	Yes

China ROHS Declaration Information

Part Number 0533980471		Hazardous Substances				
Part Name PicoBlade 1.25 SMT ST PKG 4P						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
PicoBlade 1.25 SMT ST PKG 4P	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.25 W/B Wafer Assy For SMT ST 4Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fitting Nail Chain W/Pt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FITTING NAIL FOR 53261	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.25 W/B SOLDER PIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.25 W/B SOLDER PIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.25 WtB SMT Str Wafer 4Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

Process Information

Component Plating / Surface Finish	MSn
Termination Base Alloy	P-Bronze
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	060

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Maximum Process Temperature (C)	250
Maximum Cycles at Reflow Temperature	002
J-STD-020 Moisture Sensitivity Level	N/A

Aug 16, 2022

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