

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 0532610471 **Part Weight** 0.158925G

Part Name PicoBlade1.25 SMT RA PKG 4P

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PicoBlade1.25 SMT RA PKG 4P	Assembly		100	0.158925
1.25 W-B WAFER FORSMT R/A	Component		55.1834	0.0877
PA46 GF30 NATURAL	Material		55.1834	0.0877
PA46	Substance		22.3217	0.035475
GF-Fibre	Substance		16.8309	0.026748
Flame Retardant, ISO 1043-4 FR(17)	Substance		12.1403	0.019294
Antimonytrioxide	Substance	1309-64-4	3.311	0.005262
Further Additives, not to declare	Substance	system	0.5794	0.000921
1.25 W-B SMT SOLDER PIN	Component		26.1965	0.041633
Tin Plating	Material		0.262	0.000416
Tin	Substance	7440-31-5	0.262	0.000416
1.25 W-B SMT SOLDER PIN	Component		25.6725	0.0408
Phosphor Bronze 5% Unplated	Material		25.6725	0.0408

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper	Substance	7440-50-8	24.3504	0.038699
Tin	Substance	7440-31-5	1.2836	0.00204
Phosphorus	Substance	7723-14-0	0.0385	0.000061
Nickel Plating	Material		0.262	0.000416
Nickel	Substance	7440-02-0	0.262	0.000416
Fitting Nail Chain W/Plt	Assembly		18.6201	0.029592
FITTING NAIL FOR 53261	Component		18.2476	0.029
Phosphor Bronze 5% Unplated	Material		18.2476	0.029
Copper	Substance	7440-50-8	17.3079	0.027507
Tin	Substance	7440-31-5	0.9124	0.00145
Phosphorus	Substance	7723-14-0	0.0274	0.000044
Tin Plating	Material		0.1863	0.000296
Tin	Substance	7440-31-5	0.1863	0.000296
Nickel Plating	Material		0.1863	0.000296
Nickel	Substance	7440-02-0	0.1863	0.000296

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(2022)9120-DC (17 Jan 2023)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL

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
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	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
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

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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 0532610471		<div>Hazardous Substances</div>					
Part Name PicoBlade1.25 SMT RA PKG 4P							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
PicoBlade1.25 SMT RA PKG 4P	O	O	O	O	O	O	
1.25 W-B WAFER FORSMT R/A	O	O	O	O	O	O	
1.25 W-B SMT SOLDER PIN	O	O	O	O	O	O	
1.25 W-B SMT SOLDER PIN	O	O	O	O	O	O	
Fitting Nail Chain W/Plt	O	O	O	O	O	O	
FITTING NAIL FOR 53261	O	O	O	O	O	O	

Additional Information

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

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

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Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

Apr 27, 2023

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