

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

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Part Information

Part Number 0532610571 **Part Weight** 0.175888G

Part Name PicoBlade1.25 SMT RA PKG 5P

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
PicoBlade1.25 SMT RA PKG 5P	Assembly		100	0.175888
1.25W/B WAFER SMT R/A	Component		53.7274	0.0945
PA46 GF30 NATURAL	Material		53.7274	0.0945
PA46	Substance		21.7327	0.038225
GF-Fibre	Substance		16.3868	0.028823
Flame Retardant, ISO 1043-4 FR(17)	Substance		11.82	0.02079
Antimonytrioxide	Substance	1309-64-4	3.2236	0.00567
Further Additives, not to declare	Substance	system	0.5641	0.000992
1.25 W-B SMT SOLDER PIN	Component		29.5643	0.052
Tin Plating	Material		0.2956	0.00052
Tin	Substance	7440-31-5	0.2956	0.00052
1.25 W-B SMT SOLDER PIN	Component		28.973	0.05096
Phosphor Bronze 5% Unplated	Material		28.973	0.05096

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper	Substance	7440-50-8	27.4809	0.048336
Tin	Substance	7440-31-5	1.4486	0.002548
Phosphorus	Substance	7723-14-0	0.0435	0.000076
Nickel Plating	Material		0.2956	0.00052
Nickel	Substance	7440-02-0	0.2956	0.00052
FITTING NAIL FOR 53261	Assembly		16.7084	0.029388
Fitting Nail Chain W/O Plt	Component		16.3741	0.0288
Phosphor Bronze 5% Unplated	Material		16.3741	0.0288
Copper	Substance	7440-50-8	15.5308	0.027317
Tin	Substance	7440-31-5	0.8187	0.00144
Phosphorus	Substance	7723-14-0	0.0246	0.000043
Nickel Plating	Material		0.1672	0.000294
Nickel	Substance	7440-02-0	0.1671	0.000294
Further Additives, not to declare	Substance	system	2E-05	3E-08
Tin Plating	Material		0.1672	0.000294
Tin	Substance	7440-31-5	0.1672	0.000294

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 0532610571		Hazardous Substances				
Part Name PicoBlade1.25 SMT RA PKG 5P						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
PicoBlade1.25 SMT RA PKG 5P	○	○	○	○	○	○
1.25W/B WAFER SMT R/A	○	○	○	○	○	○
1.25 W-B SMT SOLDER PIN	○	○	○	○	○	○
1.25 W-B SMT SOLDER PIN	○	○	○	○	○	○
FITTING NAIL FOR 53261	○	○	○	○	○	○
Fitting Nail Chain W/O Plt	○	○	○	○	○	○

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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