

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 0874380843 **Part Weight** 0.41832G

Part Name 1.5mm WtB Hdr RA SMT T&R 2.54SnLF 8Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
1.5mm WtB Hdr RA SMT T&R 2.54SnLF 8Ckt	Assembly		100	0.41832
1.5mm WtB Hdr Trm RA SMT Brs 2.54SnLF	Assembly		51.7116	0.21632
1.5mm WtB Hdr Term RA SMT Brs Unpl	Component		50.6789	0.212
Cartridge Brass 70% Unplated	Material		50.6789	0.212
Copper	Substance	7440-50-8	35.4752	0.1484
Zinc (metal)	Substance	7440-66-6	15.2037	0.0636
Nickel Plating	Material		1.0157	0.004249
Nickel	Substance	7440-02-0	1.0157	0.004249
Tin Plating	Material		0.017	0.000071
Tin	Substance	7440-31-5	0.017	0.000071
1.5mm WtB Hdr Hsg Vt RA SMT Nyl Nat 8Ckt	Component		48.2884	0.202
PA46 GF NATURAL	Material		48.2884	0.202
PA46	Substance		21.1986	0.088678

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
GF-Fibre	Substance		14.4865	0.0606
Flame Retardant, ISO 1043-4 FR(17)	Substance		9.4162	0.03939
Antimonytrioxide	Substance	1309-64-4	2.6559	0.01111
Further Additives, not to declare	Substance	system	0.5312	0.002222

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	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Antimonytrioxide	PA46 GF NATURAL	*Note	55,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
glass, oxide, chemicals	PA46 GF NATURAL	*Note	300,000	Yes

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

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	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 GF NATURAL	900	195,000	Yes
Bromine and Chlorine combined	PA46 GF NATURAL	1,500	195,000	Yes

China ROHS Declaration Information

Part Number 0874380843		Hazardous Substances					
Part Name 1.5mm WtB Hdr RA SMT T&R 2.54SnLF 8Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
1.5mm WtB Hdr RA SMT T&R 2.54SnLF 8Ckt	○	○	○	○	○	○	
1.5mm WtB Hdr Trm RA SMT Brs 2.54SnLF	○	○	○	○	○	○	
1.5mm WtB Hdr Term RA SMT Brs Unpl	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
1.5mm WtB Hdr Hsg Vt RA SMT Nyl Nat 8Ckt	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
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

Mar 15, 2021

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