

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 0430450600 **Part Weight** 1.112088G

Part Name MicroFit 3.0 RA Hdr W/TH DR Tin 6Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MicroFit 3.0 RA Hdr W/TH DR Tin 6Ckt	Assembly		100	1.112088
Microfit RA ThruHole 4194 Term Reflow Sn	Assembly		19.4243	0.216015
RT. ANGLE 999 THRU-HOLE T 431244999	Component		18.8834	0.21
Cartridge Brass 70% Unplated	Material		18.8834	0.21
Copper	Substance	7440-50-8	13.2184	0.147
Zinc (metal)	Substance	7440-66-6	5.665	0.063
NICKEL CROWN ANODE	Material		0.2967	0.0033
Nickel	Substance	7440-02-0	0.2967	0.0033
TIN BALL ANODE	Material		0.2442	0.002715
Tin	Substance	7440-31-5	0.2442	0.002715
Microfit RA ThruHole 3194 Term Reflow Sn	Assembly		18.8899	0.210072
RT. ANGLE 999 THRU-HOLE T 431243999	Component		18.3439	0.204
Cartridge Brass 70% Unplated	Material		18.3439	0.204

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper	Substance	7440-50-8	12.8407	0.1428
Zinc (metal)	Substance	7440-66-6	5.5032	0.0612
NICKEL CROWN ANODE	Material		0.2967	0.0033
Nickel	Substance	7440-02-0	0.2967	0.0033
TIN BALL ANODE	Material		0.2493	0.002772
Tin	Substance	7440-31-5	0.2493	0.002772
MicroFit 3.0 Header 6 Ckt w/Ret Peg E130	Component		61.6858	0.686
LCP GF BLACK	Material		61.6858	0.686
BASIC POLYMER: LCP	Substance		42.3781	0.471282
Further Additives	Substance	system	0.1851	0.002058
GF-FIBRE	Substance		18.5057	0.2058
Carbon black	Substance	1333-86-4	0.6169	0.00686

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/71/2019 (16 July 2019)

Contained Substances Exceeding Threshold

None

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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
Nickel	NICKEL CROWN ANODE	*Note	1,000,000	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Glass fibres	LCP GF BLACK	*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
NICKEL CROWN ANODE	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

None

China ROHS Declaration Information

Part Number 0430450600		Hazardous Substances					
Part Name MicroFit 3.0 RA Hdr W/TH DR Tin 6Ckt							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MicroFit 3.0 RA Hdr W/TH DR Tin 6Ckt		O	O	O	O	O	O

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Microfit RA ThruHole 4194 Term Reflow Sn	O	O	O	O	O	O
RT. ANGLE 999 THRU-HOLE T 431244999	O	O	O	O	O	O
Microfit RA ThruHole 3194 Term Reflow Sn	O	O	O	O	O	O
RT. ANGLE 999 THRU-HOLE T 431243999	O	O	O	O	O	O
MicroFit 3.0 Header 6 Ckt w/Ret Peg E130	O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	BSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	SMC&WAVE
Maximum Exposure Time (seconds)	030
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

Nov 28, 2019

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