

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 0430450202 **Part Weight** 0.54G

Part Name MicroFit 3.0 RA Hdr W/TH DR 30Au 2Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MicroFit 3.0 RA Hdr W/TH DR 30Au 2Ckt	Assembly		100	0.54
Microfit RA Thruhole Terminal 30 AU	Assembly		13.1482	0.071
RT. ANGLE 999 THRU-HOLE T 431244999	Component		12.963	0.07
Cartridge Brass 70% Unplated	Material		12.963	0.07
Copper	Substance	7440-50-8	9.0741	0.049
Zinc (metal)	Substance	7440-66-6	3.8889	0.021
Gold Plating	Material		0.0155	0.000084
Nickel	Substance	7440-02-0	4E-5	2E-7
Gold	Substance	7440-57-5	0.0155	0.000083
Cobalt	Substance	7440-48-4	4E-5	2E-7
Nickel Plating	Material		0.0984	0.000531
Nickel	Substance	7440-02-0	0.0984	0.000531
Further Additives	Substance	system	1E-5	5E-8

Form Rev - F

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.0713	0.000385
Tin	Substance	7440-31-5	0.0713	0.000385
Microfit RA Thruhole Terminal 30 AU	Assembly		12.7778	0.069
RT. ANGLE 999 THRU-HOLE T 431243999	Component		12.5926	0.068
Cartridge Brass 70% Unplated	Material		12.5926	0.068
Copper	Substance	7440-50-8	8.8148	0.0476
Zinc (metal)	Substance	7440-66-6	3.7778	0.0204
Gold Plating	Material		0.0208	0.000113
Nickel	Substance	7440-02-0	5E-5	3E-7
Gold	Substance	7440-57-5	0.0207	0.000112
Cobalt	Substance	7440-48-4	5E-5	3E-7
Nickel Plating	Material		0.1153	0.000623
Nickel	Substance	7440-02-0	0.1153	0.000623
Further Additives	Substance	system	1E-5	6E-8
Tin Plating	Material		0.049	0.000265
Tin	Substance	7440-31-5	0.049	0.000265
MicroFit 3.0 Header 2 Ckt w/Ret Peg	Component		74.0741	0.4
LCP GF BLACK	Material		74.0741	0.4
LCP	Substance		49.6296	0.268
Further Additives	Substance	system	0.7407	0.004
GF-Fiber	Substance		23.7037	0.128

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ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/30/2017 (7 July 2017)

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	150	Yes
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Glass fibres	LCP GF BLACK	*Note	320,000	Yes

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

Form Rev - F

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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
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
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

None

China ROHS Declaration Information

Part Number 0430450202		Hazardous Substances					
Part Name MicroFit 3.0 RA Hdr W/TH DR 30Au 2Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
MicroFit 3.0 RA Hdr W/TH DR 30Au 2Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Microfit RA Thruhole Terminal 30 AU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
RT. ANGLE 999 THRU-HOLE T 431244999	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Microfit RA Thruhole Terminal 30 AU	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
RT. ANGLE 999 THRU-HOLE T 431243999	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
MicroFit 3.0 Header 2 Ckt w/Ret Peg	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Process Information

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

Form Rev - F

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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

Aug 25, 2017

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