

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 0436500204 **Part Weight** 0,599G

Part Name MicroFit 3.0 SR RA TH Clip 15Au 2Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MicroFit 3.0 SR RA TH Clip 15Au 2Ckt	Assembly		100	0,599
MicroFit 3.0 RA TH Clip Tin	Assembly		17,3623	0,104
MicroFit 3.0 RA TH Clip Unplated	Component		17,0284	0,102
Cartridge Brass 70% Unplated	Material		17,0284	0,102
Copper	Substance	7440-50-8	11,9199	0,0714
Zinc (metal)	Substance	7440-66-6	5,1085	0,0306
Nickel Plating	Material		0,1573	0,000942
Nickel	Substance	7440-02-0	0,1573	0,000942
Further Additives	Substance	system	2E-5	9E-8
Tin Plating	Material		0,1766	0,001058
Tin	Substance	7440-31-5	0,1766	0,001058
2CKT MICROFIT RT ANGLE SU 437480201	Assembly		82,6377	0,495
MICROFIT 3.0 SR HDR HSG 2CKT NO PEG	Component		59,5993	0,357

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
LCP GF BLACK	Material		59,5993	0,357
BASIC POLYMER: LCP	Substance		40,9447	0,245259
Further Additives	Substance	system	0,1788	0,001071
GF-FIBRE	Substance		17,8798	0,1071
Carbon black	Substance	1333-86-4	0,596	0,00357
TERM-15AU RT ANGLE THRU H 431243640	Assembly		23,0384	0,138
RT. ANGLE 999 THRU-HOLE T 431243999	Component		22,7045	0,136
Cartridge Brass 70% Unplated	Material		22,7045	0,136
Copper	Substance	7440-50-8	15,8931	0,0952
Zinc (metal)	Substance	7440-66-6	6,8113	0,0408
Gold Plating	Material		0,0154	0,000092
Cobalt	Substance	7440-48-4	4E-5	2E-7
Nickel	Substance	7440-02-0	4E-5	2E-7
Gold	Substance	7440-57-5	0,0153	0,000092
NICKEL CROWN ANODE	Material		0,2235	0,001339
Nickel	Substance	7440-02-0	0,2235	0,001339
TIN BALL ANODE	Material		0,095	0,000569
Tin	Substance	7440-31-5	0,095	0,000569

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

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	NICKEL CROWN ANODE	*Note	1,000,000	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	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
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
NICKEL CROWN ANODE	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0436500204		Hazardous Substances				
Part Name MicroFit 3.0 SR RA TH Clip 15Au 2Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MicroFit 3.0 SR RA TH Clip 15Au 2Ckt	O	O	O	O	O	O
MicroFit 3.0 RA TH Clip Tin	O	O	O	O	O	O
MicroFit 3.0 RA TH Clip Unplated	O	O	O	O	O	O
2CKT MICROFIT RT ANGLE SU 437480201	O	O	O	O	O	O
MICROFIT 3.0 SR HDR HSG 2CKT NO PEG	O	O	O	O	O	O
TERM-15AU RT ANGLE THRU H 431243640	O	O	O	O	O	O
RT. ANGLE 999 THRU-HOLE T 431243999	O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-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

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Nov 3, 2019

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