

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 0436500418 **Part Weight** 0.830084G

Part Name MicroFit 3.0 SR Vert TH Clip Tin 4Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MicroFit 3.0 SR Vert TH Clip Tin 4Ckt	Assembly		100	0.830084
VERT INLINE MICROFIT CLIP 436560001	Assembly		11.5753	0.096084
MF VERT INLINE CLIP UNPLA 436569991	Component		11.0832	0.092
Cartridge Brass 70% Unplated	Material		11.0832	0.092
Copper	Substance	7440-50-8	7.7582	0.0644
Zinc (metal)	Substance	7440-66-6	3.325	0.0276
Nickel Plating	Material		0.227	0.001884
Nickel	Substance	7440-02-0	0.227	0.001884
Further Additives, not to declare	Substance	system	2E-05	2E-07
Tin Plating	Material		0.265	0.0022
Tin	Substance	7440-31-5	0.265	0.0022
MICROFIT INLINE 3.0 VT HDR SUBASSY 4CKT	Assembly		88.4247	0.734
Microfit Vrt Thruhole OTR Term Reflow Sn	Assembly		24.0939	0.2

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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)
VERT 999 KINKED THRU HOLE 436907999	Component		23.6121	0.196
Cartridge Brass 70% Unplated	Material		23.6121	0.196
Copper	Substance	7440-50-8	16.5284	0.1372
Zinc (metal)	Substance	7440-66-6	7.0836	0.0588
Nickel Plating	Material		0.2622	0.002177
Nickel	Substance	7440-02-0	0.2622	0.002177
Further Additives, not to declare	Substance	system	3E-05	2E-07
Tin Plating	Material		0.2196	0.001823
Tin	Substance	7440-31-5	0.2196	0.001823
MICROFIT 3.0 SR HDR HSG 4CKT NO PEG	Component		64.3308	0.534
LCP GF30 BLACK	Material		64.3308	0.534
LCP	Substance		44.1953	0.366858
Carbon black	Substance	1333-86-4	0.6433	0.00534
GF-Fibre	Substance		19.2992	0.1602
Further Additives, not to declare	Substance	system	0.193	0.001602

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 January 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		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
glass, oxide, chemicals	LCP GF30 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
	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

None

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China ROHS Declaration Information

Part Number 0436500418		Hazardous Substances				
Part Name MicroFit 3.0 SR Vert TH Clip Tin 4Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MicroFit 3.0 SR Vert TH Clip Tin 4Ckt	○	○	○	○	○	○
VERT INLINE MICROFIT CLIP 436560001	○	○	○	○	○	○
MF VERT INLINE CLIP UNPLA 436569991	○	○	○	○	○	○
MICROFIT INLINE 3.0 VT HDR SUBASSY 4CKT	○	○	○	○	○	○
Microfit Vrt Thruhole OTR Term Reflow Sn	○	○	○	○	○	○
VERT 999 KINKED THRU HOLE 436907999	○	○	○	○	○	○
MICROFIT 3.0 SR HDR HSG 4CKT NO PEG	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	MSn-RNi
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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