

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 1723101206 **Part Weight** 1.752G

Part Name ULTRA-FIT HDR RT SGL BLK 06CKT 15AU

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
ULTRA-FIT HDR RT SGL BLK 06CKT 15AU	Assembly		100	1.752
ULTRA-FIT RA HDR SGL P V0 BLK 06 CKT	Component		78.7671	1.38
LCP GF30 BLACK	Material		78.7671	1.38
LCP	Substance		54.113	0.94806
Carbon black	Substance	1333-86-4	0.7877	0.0138
GF-Fibre	Substance		23.6301	0.414
Further Additives, not to declare	Substance	system	0.2363	0.00414
Ultra-Fit 0.64 Sq Pin 17.30 Lg 30 au	Assembly		21.2329	0.372
Ultra-Fit 0.64 Sq Pin 17.30 Lg Unplt	Component		20.2055	0.354
HSM Copper Unplated	Material		20.2055	0.354
Copper	Substance	7440-50-8	20.1787	0.353531
Phosphorus	Substance	7723-14-0	0.0066	0.000115
Iron	Substance	7439-89-6	0.0202	0.000354

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Gold Plating	Material		0.3425	0.006
Cobalt	Substance	7440-48-4	0.0009	0.000015
Nickel	Substance	7440-02-0	0.0009	0.000015
Gold	Substance	7440-57-5	0.3408	0.00597
Tin Plating	Material		0.3425	0.006
Tin	Substance	7440-31-5	0.3425	0.006
Nickel Plating	Material		0.3425	0.006
Nickel	Substance	7440-02-0	0.3424	0.005999
Further Additives, not to declare	Substance	system	3E-05	6E-07

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		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
copper	Copper-Iron Alloy	*Note	997,675	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
	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	1723101206		<div>Hazardous Substances</div>					
Part Name	ULTRA-FIT HDR RT SGL BLK 06CKT 15AU							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
ULTRA-FIT HDR RT SGL BLK 06CKT 15AU			O	O	O	O	O	O
ULTRA-FIT RA HDR SGL P V0 BLK 06 CKT			O	O	O	O	O	O
Ultra-Fit 0.64 Sq Pin 17.30 Lg 30 au			O	O	O	O	O	O
Ultra-Fit 0.64 Sq Pin 17.30 Lg Unplt			O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Cu
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	090
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	002
J-STD-020 Moisture Sensitivity Level	N/A

Mar 25, 2021

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