

## Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

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### Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

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### Part Information

**Part Number** 1723101204 **Part Weight** 1.248G

**Part Name** ULTRA-FIT HDR RT SGL BLK 04CKT 15AU

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
ULTRA-FIT HDR RT SGL BLK 04CKT 15AU	Assembly		100	1.248
ULTRA-FIT RA HDR SGL P V0 BLK 04 CKT	Component		80.1282	1
LCP GF30 BLACK	Material		80.1282	1
LCP	Substance		55.0481	0.687
Carbon black	Substance	1333-86-4	0.8013	0.01
GF-Fibre	Substance		24.0385	0.3
Further Additives, not to declare	Substance	system	0.2404	0.003
Ultra-Fit 0.64 Sq Pin 17.30 Lg 30 au	Assembly		19.8718	0.248
Ultra-Fit 0.64 Sq Pin 17.30 Lg Unplt	Component		18.9103	0.236
HSM Copper Unplated	Material		18.9103	0.236
Copper	Substance	7440-50-8	18.8852	0.235687
Phosphorus	Substance	7723-14-0	0.0061	0.000077
Iron	Substance	7439-89-6	0.0189	0.000236

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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)
Gold Plating	Material		0.3205	0.004
Cobalt	Substance	7440-48-4	0.0008	0.00001
Nickel	Substance	7440-02-0	0.0008	0.00001
Gold	Substance	7440-57-5	0.3189	0.00398
Tin Plating	Material		0.3205	0.004
Tin	Substance	7440-31-5	0.3205	0.004
Nickel Plating	Material		0.3205	0.004
Nickel	Substance	7440-02-0	0.3205	0.004
Further Additives, not to declare	Substance	system	3E-05	4E-07

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**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 Jan 2021)

**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		*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 1723101204		<b>Hazardous Substances</b>					
Part Name ULTRA-FIT HDR RT SGL BLK 04CKT 15AU							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
ULTRA-FIT HDR RT SGL BLK 04CKT 15AU	O	O	O	O	O	O	
ULTRA-FIT RA HDR SGL P V0 BLK 04 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

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