

# Product Compliance Declaration

Please see [www.molex.com](http://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** 1723162304 **Part Weight** 1.324G

**Part Name** ULTRA-FIT HDR RT DUAL NAT 04CKT 30AU

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
ULTRA-FIT HDR RT DUAL NAT 04CKT 30AU	Assembly		100	1.324
ULTRA-FIT RA HDR DUAL F V0 NAT 04 CKT	Component		77.0393	1.02
LCP GF NATURAL	Material		77.0393	1.02
LCP	Substance		53.9275	0.714
GF-Fibre	Substance		23.1118	0.306
Ultra-Fit 0.64 Sq Pin 17.30 Lg 30 au	Assembly		9.3656	0.124
Ultra-Fit 0.64 Sq Pin 17.30 Lg Unplt	Component		8.9124	0.118
HSM Copper Unplated	Material		8.9124	0.118
Copper	Substance	7440-50-8	8.9006	0.117844
Phosphorus	Substance	7723-14-0	0.0029	0.000038
Iron	Substance	7439-89-6	0.0089	0.000118
Gold Plating	Material		0.1511	0.002
Cobalt	Substance	7440-48-4	0.0004	0.000005

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.0004	0.000005
Gold	Substance	7440-57-5	0.1503	0.00199
Tin Plating	Material		0.1511	0.002
Tin	Substance	7440-31-5	0.1511	0.002
Nickel Plating	Material		0.1511	0.002
Nickel	Substance	7440-02-0	0.151	0.002
Further Additives, not to declare	Substance	system	2E-05	2E-07
Ultra-Fit 0.64 Sq Pin 24.90 Lg 30 au	Assembly		13.5952	0.18
Ultra-Fit 0.64 Sq Pin 24.90 Lg Unplt	Component		13.142	0.174
HSM Copper Unplated	Material		13.142	0.174
Copper	Substance	7440-50-8	13.1246	0.173769
Phosphorus	Substance	7723-14-0	0.0043	0.000057
Iron	Substance	7439-89-6	0.0131	0.000174
Gold Plating	Material		0.1511	0.002
Cobalt	Substance	7440-48-4	0.0004	0.000005
Nickel	Substance	7440-02-0	0.0004	0.000005
Gold	Substance	7440-57-5	0.1503	0.00199
Tin Plating	Material		0.1511	0.002
Tin	Substance	7440-31-5	0.1511	0.002
Nickel Plating	Material		0.1511	0.002
Nickel	Substance	7440-02-0	0.151	0.002
Further Additives, not to declare	Substance	system	2E-05	2E-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

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

Part Name	Exemption
	44 Concentration within acceptable GADSL limits

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## Exemptions

Part Name	Exemption
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/cm <sup>2</sup> /week)


## HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

## Contained Substances Exceeding Threshold

None

## China ROHS Declaration Information

Part Number	1723162304		<b>Hazardous Substances</b>				
Part Name	ULTRA-FIT HDR RT DUAL NAT 04CKT 30AU						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
ULTRA-FIT HDR RT DUAL NAT 04CKT 30AU		○	○	○	○	○	○
ULTRA-FIT RA HDR DUAL F V0 NAT 04 CKT		○	○	○	○	○	○
Ultra-Fit 0.64 Sq Pin 17.30 Lg 30 au		○	○	○	○	○	○
Ultra-Fit 0.64 Sq Pin 17.30 Lg Unplt		○	○	○	○	○	○
Ultra-Fit 0.64 Sq Pin 24.90 Lg 30 au		○	○	○	○	○	○
Ultra-Fit 0.64 Sq Pin 24.90 Lg Unplt		○	○	○	○	○	○

## Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Cu
Solder Alloy	N/A
Process Capability	WAVE

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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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