

# 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** 1511181414 **Part Weight** 0.660782G

**Part Name** MGrid Shrd Hdr SMT /oPeg 2.5SnLF 14Ckt

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MGrid Shrd Hdr SMT /oPeg 2.5SnLF 14Ckt	Assembly		100	0.660782
2MM MGrid Hsg DR Shrd Wafer w/o Peg 14ck	Component		63.107	0.417
LCP-GF30	Material		63.107	0.417
Carbon black	Substance	1333-86-4	0.3155	0.002085
LCP	Substance		42.9128	0.28356
Further Additives, not to declare	Substance	system	0.9466	0.006255
GF-Fibre	Substance		18.9321	0.1251
0.5mm SqPin Bando w/Swage Brs 2.5SnLF	Assembly		36.893	0.243782
0.5mm SqPin Bando w/Swage Brs Unpl	Component		35.8061	0.2366
Cartridge Brass 70% Unplated	Material		35.8061	0.2366
Copper	Substance	7440-50-8	25.0642	0.16562
Zinc (metal)	Substance	7440-66-6	10.7418	0.07098
Nickel Plating	Material		0.4098	0.002708

Form Rev - F

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)
Nickel	Substance	7440-02-0	0.4097	0.002707
Further Additives, not to declare	Substance	system	4E-05	3E-07
Tin Plating	Material		0.6771	0.004474
Tin	Substance	7440-31-5	0.6771	0.004474

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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(2021)4569-DC (8 July 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	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes

Form Rev - F

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
copper	Cartridge Brass 70% (CA260)	*Note	700,000	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
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 1511181414		<b>Hazardous Substances</b>				
Part Name MGrid Shrd Hdr SMT /oPeg 2.5SnLF 14Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MGrid Shrd Hdr SMT /oPeg 2.5SnLF 14Ckt	○	○	○	○	○	○
2MM MGrid Hsg DR Shrd Wafer w/o Peg 14ck	○	○	○	○	○	○
0.5mm SqPin Bando w/Swage Brs 2.5SnLF	○	○	○	○	○	○
0.5mm SqPin Bando w/Swage Brs Unpl	○	○	○	○	○	○

Form Rev - F

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## Additional Information

Annex XVII to REACH (76/769/EEC)	Compliant
Regulation (EU) 2019/1021 (POP)	Compliant

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## Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	010
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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