

# Product Compliance Declaration

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## Contact Information

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

## Part Information

**Part Number** 0010897461 **Part Weight** 3.86513G

**Part Name** CGrid VT Bkwy Hdr Tin 46Ckt (240/110)

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid VT Bkwy Hdr Tin 46Ckt (240/110)	Assembly		100	3.86513
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		51.1496	1.977
LCP GF30 BLACK	Material		51.1496	1.977
LCP	Substance		35.1398	1.358199
Carbon black	Substance	1333-86-4	0.5115	0.01977
GF-Fibre	Substance		15.3449	0.5931
Further Additives, not to declare	Substance	system	0.1534	0.005931
.440 X .0255 Sq Bandolier Pin Tin Plated	Assembly		48.8504	1.88813
.440 x .0255 Sq Bandolier Pin Unplated	Component		45.2249	1.748
Cartridge Brass 70% Unplated	Material		45.2249	1.748
Copper	Substance	7440-50-8	31.6574	1.2236
Zinc (metal)	Substance	7440-66-6	13.5675	0.5244
Nickel Plating	Material		0.7692	0.02973

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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)
Nickel	Substance	7440-02-0	0.7691	0.029727
Further Additives, not to declare	Substance	system	8E-05	0.000003
Tin Plating	Material		2.8563	0.1104
Tin	Substance	7440-31-5	2.8563	0.1104

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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

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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 0010897461		<b>Hazardous Substances</b>					
Part Name CGrid VT Bkwy Hdr Tin 46Ckt (240/110)							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
CGrid VT Bkwy Hdr Tin 46Ckt (240/110)	○	○	○	○	○	○	
COMPONENT CGrid Bkwy Hsg 100Ckt	○	○	○	○	○	○	
.440 X .0255 Sq Bandolier Pin Tin Plate	○	○	○	○	○	○	
.440 x .0255 Sq Bandolier Pin Unplated	○	○	○	○	○	○	

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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	BSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	245
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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