

## 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** 0015910080 **Part Weight** 0.484629G

**Part Name** CGrid SMT Bkwy Hdr 15 SAu 8Ckt Tube

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr 15 SAu 8Ckt Tube	Assembly		100	0.484629
.440 X .0255 Sq Pin 15GOLD Plate	Assembly		66.0185	0.319945
.440 x .0255 Sq Bandolier Pin Unplated	Component		62.7284	0.304
Cartridge Brass 70% Unplated	Material		62.7284	0.304
Copper	Substance	7440-50-8	43.9099	0.2128
Zinc (metal)	Substance	7440-66-6	18.8185	0.0912
Gold Plating	Material		0.6038	0.002926
Cobalt	Substance	7440-48-4	0.0015	0.000007
Nickel	Substance	7440-02-0	0.0015	0.000007
Gold	Substance	7440-57-5	0.6008	0.002912
Nickel Plating	Material		1.8158	0.0088
Nickel	Substance	7440-02-0	1.8156	0.008799
Further Additives, not to declare	Substance	system	0.0002	9E-07

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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)
Tin Plating	Material		0.8704	0.004218
Tin	Substance	7440-31-5	0.8704	0.004218
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		33.9815	0.164684
LCP GF30 BLACK	Material		33.9815	0.164684
LCP	Substance		23.3453	0.113138
Carbon black	Substance	1333-86-4	0.3398	0.001647
GF-Fibre	Substance		10.1944	0.049405
Further Additives, not to declare	Substance	system	0.1019	0.000494

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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(2022)4187-DC (10 June 2022)

### Contained Substances Exceeding Threshold

None

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## GADSL Declaration Information

**Regulatory Revision** GADSL imported from IMDS

### Contained Substances Exceeding Threshold

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Cartridge Brass 70% (CA260)	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	0015910080		<b>Hazardous Substances</b>				
Part Name	CGrid SMT Bkwy Hdr 15 SAu 8Ckt Tube						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr 15 SAu 8Ckt Tube		○	○	○	○	○	○
.440 X .0255 Sq Pin 15GOLD Plate		○	○	○	○	○	○

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.440 x .0255 Sq Bandolier Pin Unplated	○	○	○	○	○	○
COMPONENT CGrid Bkwy Hsg 100Ckt	○	○	○	○	○	○

## Additional Information

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

## Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	REFLOW
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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