

## 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** 0015910200 **Part Weight** 1.196136G

**Part Name** CGrid SMT Bkwy Hdr 15 SAu 20Ckt Tube

### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr 15 SAu 20Ckt Tube	Assembly		100	1.196136
.440 X .0255 Sq Pin 15GOLD Plate	Assembly		66.9436	0.800736
.440 x .0255 Sq Bandolier Pin Unplated	Component		63.5379	0.76
Cartridge Brass 70% Unplated	Material		63.5379	0.76
Copper	Substance	7440-50-8	44.4765	0.532
Zinc (metal)	Substance	7440-66-6	19.0614	0.228
Gold Plating	Material		0.5085	0.006082
Cobalt	Substance	7440-48-4	0.0013	0.000015
Nickel	Substance	7440-02-0	0.0013	0.000015
Gold	Substance	7440-57-5	0.5059	0.006052
Nickel Plating	Material		2.1737	0.026
Nickel	Substance	7440-02-0	2.1734	0.025997
Further Additives, not to declare	Substance	system	0.0002	0.000003

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)
Tin Plating	Material		0.7235	0.008654
Tin	Substance	7440-31-5	0.7235	0.008654
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		33.0564	0.3954
LCP GF30 BLACK	Material		33.0564	0.3954
LCP	Substance		22.7098	0.27164
Carbon black	Substance	1333-86-4	0.3306	0.003954
GF-Fibre	Substance		9.9169	0.11862
Further Additives, not to declare	Substance	system	0.0992	0.001186

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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

Form Rev - F

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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]	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	Cartridge Brass 70% (CA260)	*Note	700,000	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
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
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 0015910200		<b>Hazardous Substances</b>				
Part Name CGrid SMT Bkwy Hdr 15 SAu 20Ckt Tube						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr 15 SAu 20Ckt Tube	○	○	○	○	○	○

Form Rev - F

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.440 X .0255 Sq Pin 15GOLD Plate	O	O	O	O	O	O
.440 x .0255 Sq Bandolier Pin Unplated	O	O	O	O	O	O
COMPONENT CGrid Bkwy Hsg 100Ckt	O	O	O	O	O	O

## 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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Form Rev - F

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