

# Product Compliance Declaration

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## Contact Information

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

## Part Information

**Part Number** 0015910140 **Part Weight** 0,843028G

**Part Name** "CGrid SMT Bkwy Hdr 15""SAu 14Ckt Tube"

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
"CGrid SMT Bkwy Hdr 15""SAu 14Ckt Tube"	Assembly		100	0,843028
.440 X .0255 Sq Pin 15GOLD Plate	Assembly		66,4883	0,560515
.440 x .0255 Sq Bandolier Pin Unplated	Component		63,1058	0,532
Cartridge Brass 70% Unplated	Material		63,1058	0,532
Copper	Substance	7440-50-8	44,1741	0,3724
Zinc (metal)	Substance	7440-66-6	18,9317	0,1596
Gold Plating	Material		0,505	0,004257
Cobalt	Substance	7440-48-4	0,0013	0,000011
Nickel	Substance	7440-02-0	0,0013	0,000011
Gold	Substance	7440-57-5	0,5025	0,004236
Nickel Plating	Material		2,1589	0,0182
Nickel	Substance	7440-02-0	2,1587	0,018198
Further Additives	Substance	system	0,0002	0,000002

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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		0,7186	0,006058
Tin	Substance	7440-31-5	0,7186	0,006058
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		33,5117	0,282513
LCP GF BLACK	Material		33,5117	0,282513
BASIC POLYMER: LCP	Substance		23,0225	0,194087
Further Additives	Substance	system	0,1005	0,000848
GF-FIBRE	Substance		10,0535	0,084754
Carbon black	Substance	1333-86-4	0,3351	0,002825

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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** ED/71/2019 (16 July 2019)

### 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	Cartridge Brass 70% (CA260)	*Note	350	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	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
Glass fibres	LCP GF 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)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
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 0015910140		<b>Hazardous Substances</b>				
Part Name "CGrid SMT Bkwy Hdr 15""SAu 14Ckt Tube"						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
"CGrid SMT Bkwy Hdr 15""SAu 14Ckt Tube"	0	0	0	0	0	0

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

## 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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