

# Product Compliance Declaration

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## Contact Information

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

## Part Information

**Part Number** 0015912080 **Part Weight** 0.5066G

**Part Name** CGrid SMT Bkwy Hdr Tin 8Ckt Tube

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr Tin 8Ckt Tube	Assembly		100	0.5066
CGrid SMT Bkwy Hdr Tin 100Ckt Tube	Assembly		100	0.5066
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		32.5077	0.164684
LCP GF30 BLACK	Material		32.5077	0.164684
LCP	Substance		22.3328	0.113138
Carbon black	Substance	1333-86-4	0.3251	0.001647
GF-Fibre	Substance		9.7523	0.049405
Further Additives, not to declare	Substance	system	0.0975	0.000494
.440 X .0255 Sq Bandolier Pin Tin Plate	Assembly		67.4923	0.341916
.440 x .0255 Sq Bandolier Pin Unplated	Component		62.4832	0.31654
Cartridge Brass 70% Unplated	Material		62.4832	0.31654
Copper	Substance	7440-50-8	43.7383	0.221578
Zinc (metal)	Substance	7440-66-6	18.745	0.094962

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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 Plating	Material		1.0627	0.005384
Nickel	Substance	7440-02-0	1.0626	0.005383
Further Additives, not to declare	Substance	system	0.0001	5E-07
Tin Plating	Material		3.9463	0.019992
Tin	Substance	7440-31-5	3.9463	0.019992

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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

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	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
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 0015912080		<b>Hazardous Substances</b>				
Part Name CGrid SMT Bkwy Hdr Tin 8Ckt Tube						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr Tin 8Ckt Tube	○	○	○	○	○	○
CGrid SMT Bkwy Hdr Tin 100Ckt Tube	○	○	○	○	○	○
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	REFLOW
Maximum Exposure Time (seconds)	030
Maximum Process Temperature (C)	245
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

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