

Product Compliance Declaration

Please see 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 0015910100 **Part Weight** 0.597631G

Part Name "CGrid SMT Bkwy Hdr 15""SAu 10Ckt Tube"

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
"CGrid SMT Bkwy Hdr 15""SAu 10Ckt Tube"	Assembly		100	0.597631
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		33.0806	0.1977
LCP GF30 BLACK	Material		33.0806	0.1977
LCP	Substance		22.7264	0.13582
Carbon black	Substance	1333-86-4	0.3308	0.001977
GF-Fibre	Substance		9.9242	0.05931
Further Additives, not to declare	Substance	system	0.0992	0.000593
.440 X .0255 Sq Pin 15GOLD Plate	Assembly		66.9194	0.399931
.440 x .0255 Sq Bandolier Pin Unplated	Component		63.5844	0.38
Cartridge Brass 70% Unplated	Material		63.5844	0.38
Copper	Substance	7440-50-8	44.5091	0.266
Zinc (metal)	Substance	7440-66-6	19.0753	0.114
Gold Plating	Material		0.6121	0.003658

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)
Cobalt	Substance	7440-48-4	0.0015	0.000009
Nickel	Substance	7440-02-0	0.0015	0.000009
Gold	Substance	7440-57-5	0.609	0.00364
Nickel Plating	Material		1.8406	0.011
Nickel	Substance	7440-02-0	1.8404	0.010999
Further Additives, not to declare	Substance	system	0.0002	0.000001
Tin Plating	Material		0.8823	0.005273
Tin	Substance	7440-31-5	0.8823	0.005273

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2022)4187-DC (10 June 2022)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

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.

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	0015910100		Hazardous Substances				
Part Name	"CGrid SMT Bkwy Hdr 15""SAu 10Ckt Tube"						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
"CGrid SMT Bkwy Hdr 15""SAu 10Ckt Tube"		○	○	○	○	○	○
COMPONENT CGrid Bkwy Hsg 100Ckt		○	○	○	○	○	○

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.

Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
.440 X .0255 Sq Pin 15GOLD Plate	○	○	○	○	○	○
.440 x .0255 Sq Bandolier Pin Unplated	○	○	○	○	○	○

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

Jul 28, 2022

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.