

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 0015913060 **Part Weight** 0.363377G

Part Name CGrid SMT Bkwy Hdr 30 SAu 6Ckt Bulk

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr 30 SAu 6Ckt Bulk	Assembly		100	0.363377
.440 X .0255 Sq Pin 30GOLD Plate	Assembly		65.9961	0.239815
.440 x .0255 Sq Bandolier Pin Unplated	Component		62.7447	0.228
Cartridge Brass 70% Unplated	Material		62.7447	0.228
Copper	Substance	7440-50-8	43.9213	0.1596
Zinc (metal)	Substance	7440-66-6	18.8234	0.0684
Gold Plating	Material		0.7954	0.00289
Cobalt	Substance	7440-48-4	0.002	0.000007
Nickel	Substance	7440-02-0	0.002	0.000007
Gold	Substance	7440-57-5	0.7914	0.002876
Nickel Plating	Material		1.8163	0.0066
Nickel	Substance	7440-02-0	1.8161	0.006599
Further Additives, not to declare	Substance	system	0.0002	7E-07

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		0.6397	0.002324
Tin	Substance	7440-31-5	0.6397	0.002324
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		34.0039	0.123563
LCP GF30 BLACK	Material		34.0039	0.123563
LCP	Substance		23.3607	0.084887
Carbon black	Substance	1333-86-4	0.34	0.001236
GF-Fibre	Substance		10.2012	0.037069
Further Additives, not to declare	Substance	system	0.102	0.000371

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(2021)4569-DC (8 July 2021)

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	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

*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 0015913060		Hazardous Substances					
Part Name CGrid SMT Bkwy Hdr 30 SAu 6Ckt Bulk							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
CGrid SMT Bkwy Hdr 30 SAu 6Ckt Bulk	○	○	○	○	○	○	
.440 X .0255 Sq Pin 30GOLD Plate	○	○	○	○	○	○	

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 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)	030
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

Jan 2, 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.