

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 0015477628 **Part Weight** 5.411G

Part Name CGrid VT Shrd Hdr wPg 15SAu 28Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid VT Shrd Hdr wPg 15SAu 28Ckt	Assembly		100	5.411
COMPONENT CGrid Shrd Hsg Pg 28Ckt Opt A	Component		64.8124	3.507
LCP GF30 BLACK	Material		64.8124	3.507
LCP	Substance		44.5261	2.409309
Carbon black	Substance	1333-86-4	0.6481	0.03507
GF-Fibre	Substance		19.4437	1.0521
Further Additives, not to declare	Substance	system	0.1944	0.010521
"Pin w/ Small Star .025 Sq 15""SAu"	Assembly		35.1876	1.904
PIN .025 SQRND UNPLT	Component		34.6701	1.876
Cartridge Brass 70% Unplated	Material		34.6701	1.876
Copper	Substance	7440-50-8	24.2691	1.3132
Zinc (metal)	Substance	7440-66-6	10.401	0.5628
Gold Plating	Material		0.0375	0.002027

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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)
Cobalt	Substance	7440-48-4	9E-05	0.000005
Nickel	Substance	7440-02-0	9E-05	0.000005
Gold	Substance	7440-57-5	0.0373	0.002017
Tin Plating	Material		0.1256	0.006798
Tin	Substance	7440-31-5	0.1256	0.006798
Nickel Plating	Material		0.3544	0.019174
Nickel	Substance	7440-02-0	0.3543	0.019172
Further Additives, not to declare	Substance	system	4E-05	0.000002

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)10043-DC (17 Jan 2022)

Contained Substances Exceeding Threshold

None

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	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 0015477628		Hazardous Substances					
Part Name CGrid VT Shrd Hdr wPg 15SAu 28Ckt							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
CGrid VT Shrd Hdr wPg 15SAu 28Ckt	○	○	○	○	○	○	
COMPONENT CGrid Shrd Hsg Pg 28Ckt Opt A	○	○	○	○	○	○	

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
"Pin w/ Small Star .025 Sq 15""SAu"	○	○	○	○	○	○
PIN .025 SQRND UNPLT	○	○	○	○	○	○

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	SMC&WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	245
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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