

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 0015912160 **Part Weight** 0.986307G

Part Name CGrid SMT Bkwy Hdr Tin 16Ckt Tube

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr Tin 16Ckt Tube	Assembly		100	0.986307
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		33.4141	0.329566
LCP GF30 BLACK	Material		33.4141	0.329566
LCP	Substance		22.9555	0.226412
Carbon black	Substance	1333-86-4	0.3341	0.003296
GF-Fibre	Substance		10.0242	0.09887
Further Additives, not to declare	Substance	system	0.1002	0.000989
.440 X .0255 Sq Bandolier Pin Tin Plated	Assembly		66.5859	0.656741
.440 x .0255 Sq Bandolier Pin Unplated	Component		61.6441	0.608
Cartridge Brass 70% Unplated	Material		61.6441	0.608
Copper	Substance	7440-50-8	43.1509	0.4256
Zinc (metal)	Substance	7440-66-6	18.4932	0.1824
Nickel Plating	Material		1.0484	0.010341

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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	Substance	7440-02-0	1.0483	0.01034
Further Additives, not to declare	Substance	system	0.0001	0.000001
Tin Plating	Material		3.8933	0.0384
Tin	Substance	7440-31-5	3.8933	0.0384

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

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]	Ep-Ni	*Note	997,500	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
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 0015912160		Hazardous Substances				
Part Name CGrid SMT Bkwy Hdr Tin 16Ckt Tube						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr Tin 16Ckt 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

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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