

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 0015916060 **Part Weight** 0.369736G

Part Name CGrid SMT Bkwy Hdr Tin 6Ckt T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr Tin 6Ckt T&R	Assembly		100	0.369736
.440 X .0255 Sq Bandolier Pin Tin Plate	Assembly		66.5809	0.246174
.440 x .0255 Sq Bandolier Pin Unplated	Component		61.6655	0.228
Cartridge Brass 70% Unplated	Material		61.6655	0.228
Copper	Substance	7440-50-8	43.1659	0.1596
Zinc (metal)	Substance	7440-66-6	18.4997	0.0684
Nickel Plating	Material		1.3453	0.004974
Nickel	Substance	7440-02-0	1.3451	0.004974
Further Additives	Substance	system	0.0001	5E-7
Tin Plating	Material		3.5701	0.0132
Tin	Substance	7440-31-5	3.5701	0.0132
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		33.4191	0.123563
LCP GF BLACK	Material		33.4191	0.123563

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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)
LCP	Substance		22.3908	0.082787
Further Additives	Substance	system	0.3342	0.001236
GF-Fiber	Substance		10.6941	0.03954

ROHS Declaration Information

Regulatory Revision 2011/65/EU

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/30/2017 (7 July 2017)

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	150	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Glass fibres	LCP GF BLACK	*Note	320,000	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	0015916060							
Part Name	CGrid SMT Bkwy Hdr Tin 6Ckt T&R							
Part Information								
			Hazardous Substances					
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr Tin 6Ckt T&R			O	O	O	O	O	O
.440 X .0255 Sq Bandolier Pin Tin Plate			O	O	O	O	O	O
.440 x .0255 Sq Bandolier Pin Unplated			O	O	O	O	O	O
COMPONENT CGrid Bkwy Hsg 100Ckt			O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	BSn-Ni
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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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