

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 0015916042 **Part Weight** 0.428227G

Part Name CGrid SMT Bkwy Hdr 15"SAu 4Ckt T&R

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr 15"SAu 4Ckt T&R	Assembly		100	0.428227
CGrid SMT Bkwy Hdr 15 SAu 4Ckt Bulk	Assembly		55.8646	0.239227
.440 X .0255 Sq Pin 15GOLD Plate	Assembly		37.3977	0.160147
.440 x .0255 Sq Bandolier Pin Unplated	Component		35.4952	0.152
Cartridge Brass 70% Unplated	Material		35.4952	0.152
Copper	Substance	7440-50-8	24.8466	0.1064
Zinc (metal)	Substance	7440-66-6	10.6486	0.0456
Gold Plating	Material		0.2841	0.001216
Cobalt	Substance	7440-48-4	0.0007	0.000003
Nickel	Substance	7440-02-0	0.0007	0.000003
Gold	Substance	7440-57-5	0.2826	0.00121
Nickel Plating	Material		1.2143	0.0052
Nickel	Substance	7440-02-0	1.2142	0.005199

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Further Additives, not to declare	Substance	system	0.0001	5E-07
Tin Plating	Material		0.4042	0.001731
Tin	Substance	7440-31-5	0.4042	0.001731
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		18.4668	0.07908
LCP GF30 BLACK	Material		18.4668	0.07908
LCP	Substance		12.6867	0.054328
Carbon black	Substance	1333-86-4	0.1847	0.000791
GF-Fibre	Substance		5.54	0.023724
Further Additives, not to declare	Substance	system	0.0554	0.000237
PICK AND PLACE CAP	Component		44.1354	0.189
PCT GF BLACK	Material		44.1354	0.189
PCT	Substance		19.2431	0.082404
GF-Fibre	Substance		13.682	0.05859
Flame Retardant, ISO 1043-4 FR(17)	Substance		6.179	0.02646
Sodium-antimonate	Substance	15432-85-6	1.5447	0.006615
Carbon black	Substance	1333-86-4	0.1324	0.000567
Further Additives, not to declare	Substance	system	3.3543	0.014364

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

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REACH-SVHC Declaration Information

Regulatory Revision D(2020)9139-DC (19 Jan 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		*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
glass, oxide, chemicals	PCT GF BLACK	*Note	310,000	Yes
glass, oxide, chemicals	LCP GF30 BLACK	*Note	300,000	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
	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/cm ² /week)

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Bromine and its compounds	PCT GF BLACK	900	140,000	Yes
Bromine and Chlorine combined	PCT GF BLACK	1,500	140,000	Yes

China ROHS Declaration Information

Part Number 0015916042		Hazardous Substances					
Part Name CGrid SMT Bkwy Hdr 15"SAu 4Ckt T&R							
Part Information		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Components							
CGrid SMT Bkwy Hdr 15"SAu 4Ckt T&R	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
CGrid SMT Bkwy Hdr 15 SAu 4Ckt Bulk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
.440 X .0255 Sq Pin 15GOLD Plate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
.440 x .0255 Sq Bandolier Pin Unplated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
COMPONENT CGrid Bkwy Hsg 100Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
PICK AND PLACE CAP	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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

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J-STD-020 Moisture Sensitivity Level	N/A
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Mar 24, 2021

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