

# Product Compliance Declaration

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## Contact Information

**Name** Molex Product Compliance **E-Mail** Product.Compliance@molex.com

## Part Information

**Part Number** 0015916082 **Part Weight** 0.673979G

**Part Name** CGrid SMT Bkwy Hdr 15"SAu 8Ckt T&R

## Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid SMT Bkwy Hdr 15"SAu 8Ckt T&R	Assembly		100	0.673979
.440 X .0255 Sq Pin 15GOLD Plate	Assembly		47.5229	0.320294
.440 x .0255 Sq Bandolier Pin Unplated	Component		45.1053	0.304
Cartridge Brass 70% Unplated	Material		45.1053	0.304
Copper	Substance	7440-50-8	31.5737	0.2128
Zinc (metal)	Substance	7440-66-6	13.5316	0.0912
Gold Plating	Material		0.361	0.002433
Cobalt	Substance	7440-48-4	0.0009	0.000006
Nickel	Substance	7440-02-0	0.0009	0.000006
Gold	Substance	7440-57-5	0.3592	0.002421
Nickel Plating	Material		1.5431	0.0104
Nickel	Substance	7440-02-0	1.5429	0.010399
Further Additives, not to declare	Substance	system	0.0002	0.000001

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.5136	0.003462
Tin	Substance	7440-31-5	0.5136	0.003462
COMPONENT CGrid Bkwy Hsg 100Ckt	Component		24.4346	0.164684
LCP GF30 BLACK	Material		24.4346	0.164684
LCP	Substance		16.7866	0.113138
Carbon black	Substance	1333-86-4	0.2443	0.001647
GF-Fibre	Substance		7.3304	0.049405
Further Additives, not to declare	Substance	system	0.0733	0.000494
PICK AND PLACE CAP	Component		28.0424	0.189
PCT GF BLACK	Material		28.0424	0.189
PCT	Substance		12.2265	0.082404
GF-Fibre	Substance		8.6932	0.05859
Flame Retardant, ISO 1043-4 FR(17)	Substance		3.9259	0.02646
Sodium-antimonate	Substance	15432-85-6	0.9815	0.006615
Carbon black	Substance	1333-86-4	0.0841	0.000567
Further Additives, not to declare	Substance	system	2.1312	0.014364

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## 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)4578-DC (25 June 2020)

### 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 <sup>2</sup> /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 0015916082		<b>Hazardous Substances</b>				
Part Name CGrid SMT Bkwy Hdr 15"SAu 8Ckt T&R						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SMT Bkwy Hdr 15"SAu 8Ckt T&R	<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
J-STD-020 Moisture Sensitivity Level	N/A

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