

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 0010894102 **Part Weight** 0.81606G

Part Name CGrid RA Bkwy HPro Hdr 15SAu 10Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid RA Bkwy HPro Hdr 15SAu 10Ckt	Assembly		100	0.81606
CGrid Bando Sq Pin WST 15SAu	Assembly		34.3112	0.28
CGrid Bando Sq Pin WST Unplated	Component		33.6985	0.275
Cartridge Brass 70% Unplated	Material		33.6985	0.275
Copper	Substance	7440-50-8	23.589	0.1925
Zinc (metal)	Substance	7440-66-6	10.1096	0.0825
Gold Plating	Material		0.0524	0.000428
Cobalt	Substance	7440-48-4	0.0001	0.000001
Nickel	Substance	7440-02-0	0.0001	0.000001
Gold	Substance	7440-57-5	0.0522	0.000426
Nickel Plating	Material		0.4335	0.003538
Nickel	Substance	7440-02-0	0.4335	0.003538
Further Additives, not to declare	Substance	system	4E-05	4E-07

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin Plating	Material		0.1267	0.001034
Tin	Substance	7440-31-5	0.1267	0.001034
CGrid Bando Sq Pin WST 15SAu	Assembly		45.9599	0.37506
CGrid Bando Sq Pin WST Unplated	Component		44.7271	0.365
Cartridge Brass 70% Unplated	Material		44.7271	0.365
Copper	Substance	7440-50-8	31.309	0.2555
Zinc (metal)	Substance	7440-66-6	13.4181	0.1095
Gold Plating	Material		0.0641	0.000523
Cobalt	Substance	7440-48-4	0.0002	0.000001
Nickel	Substance	7440-02-0	0.0002	0.000001
Gold	Substance	7440-57-5	0.0638	0.00052
Nickel Plating	Material		0.8578	0.007
Nickel	Substance	7440-02-0	0.8577	0.006999
Further Additives, not to declare	Substance	system	9E-05	7E-07
Tin Plating	Material		0.3109	0.002537
Tin	Substance	7440-31-5	0.3109	0.002537
COMPONENT CGrid Bkwy Housing	Component		19.7289	0.161
PBT GF BLACK	Material		19.7289	0.161
PBT	Substance		12.5608	0.102503
GF-Fibre	Substance		3.4855	0.028443
Flame Retardant, ISO 1043-4 FR(17)	Substance		2.499	0.020393
Antimonytrioxide	Substance	1309-64-4	0.6576	0.005367
Pigment portion, not to declare	Substance	system	0.263	0.002147
Further Additives, not to declare	Substance	system	0.263	0.002147

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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(2020)9139-DC (19 Jan 2021)

Contained Substances Exceeding Threshold

None

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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
Antimonytrioxide	PBT GF BLACK	*Note	40,000	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	PBT GF BLACK	*Note	190,000	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	PBT GF BLACK	900	140,000	Yes
Bromine and Chlorine combined	PBT GF BLACK	1,500	140,000	Yes

China ROHS Declaration Information

Part Number 0010894102		Hazardous Substances				
Part Name CGrid RA Bkwy HPro Hdr 15SAu 10Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid RA Bkwy HPro Hdr 15SAu 10Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CGrid Bando Sq Pin WST 15SAu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CGrid Bando Sq Pin WST Unplated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CGrid Bando Sq Pin WST 15SAu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CGrid Bando Sq Pin WST Unplated	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
COMPONENT CGrid Bkwy Housing	<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	P-Bronze
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	235
Maximum Cycles at Reflow Temperature	001

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J-STD-020 Moisture Sensitivity Level	N/A
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Mar 23, 2021

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