

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 0010894146 **Part Weight** 1.174366G

Part Name CGrid R/A Bkwy HPro Hdr 30"SAu 14Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid R/A Bkwy HPro Hdr 30"SAu 14Ckt	Assembly		100	1.174366
CGrid Bando Sq Pin WST 30SAu	Assembly		44.6851	0.524766
CGrid Bando Sq Pin WST Unplated	Component		43.5128	0.511
Cartridge Brass 70% Unplated	Material		43.5128	0.511
Copper	Substance	7440-50-8	30.459	0.3577
Zinc (metal)	Substance	7440-66-6	13.0538	0.1533
Gold Plating	Material		0.1068	0.001254
Cobalt	Substance	7440-48-4	0.0003	0.000003
Nickel	Substance	7440-02-0	0.0003	0.000003
Gold	Substance	7440-57-5	0.1063	0.001248
Tin Plating	Material		0.2905	0.003412
Tin	Substance	7440-31-5	0.2905	0.003412
Nickel Plating	Material		0.7749	0.0091

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.7748	0.009099
Further Additives, not to declare	Substance	system	8E-05	9E-07
CGrid Bando Sq Pin WST 30SAu	Assembly		33.3797	0.392
CGrid Bando Sq Pin WST Unplated	Component		32.7836	0.385
Cartridge Brass 70% Unplated	Material		32.7836	0.385
Copper	Substance	7440-50-8	22.9485	0.2695
Zinc (metal)	Substance	7440-66-6	9.8351	0.1155
Gold Plating	Material		0.0665	0.00078
Cobalt	Substance	7440-48-4	0.0002	0.000002
Nickel	Substance	7440-02-0	0.0002	0.000002
Gold	Substance	7440-57-5	0.0661	0.000777
Nickel Plating	Material		0.4099	0.004813
Nickel	Substance	7440-02-0	0.4098	0.004813
Further Additives, not to declare	Substance	system	4E-05	5E-07
Tin Plating	Material		0.1197	0.001406
Tin	Substance	7440-31-5	0.1197	0.001406
COMPONENT CGrid Bkwy Housing	Component		21.9352	0.2576
PBT GF BLACK	Material		21.9352	0.2576
PBT	Substance		13.9654	0.164005
GF-Fibre	Substance		3.8752	0.045509
Flame Retardant, ISO 1043-4 FR(17)	Substance		2.7785	0.032629
Antimonytrioxide	Substance	1309-64-4	0.7312	0.008587
Pigment portion, not to declare	Substance	system	0.2925	0.003435
Further Additives, not to declare	Substance	system	0.2925	0.003435

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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 0010894146		Hazardous Substances				
Part Name CGrid R/A Bkwy HPro Hdr 30"SAu 14Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid R/A Bkwy HPro Hdr 30"SAu 14Ckt	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CGrid Bando Sq Pin WST 30SAu	<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 30SAu	<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	Brass
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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