

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 0015445820 **Part Weight** 1.639002G

Part Name CGrid VT Rcpt 15"SAu 20Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CGrid VT Rcpt 15"SAu 20Ckt	Assembly		100	1.639002
"CGrid Term Vert Mnt 15""SAu"	Assembly		42.709	0.700002
CGrid Term Vert Mnt	Assembly		42.709	0.700002
CGrid Term Vert Mnt	Component		41.4887	0.68
Phosphor Bronze 5% Unplated	Material		41.4887	0.68
Copper	Substance	7440-50-8	39.352	0.64498
Tin	Substance	7440-31-5	2.0744	0.034
Phosphorus	Substance	7723-14-0	0.0622	0.00102
Gold Plating	Material		0.2039	0.003342
Cobalt	Substance	7440-48-4	0.0005	0.000008
Nickel	Substance	7440-02-0	0.0005	0.000008
Gold	Substance	7440-57-5	0.2029	0.003325
Nickel Plating	Material		0.83	0.013604

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0.8299	0.013603
Further Additives	Substance	system	8E-5	0.000001
Tin Plating	Material		0.1865	0.003056
Tin	Substance	7440-31-5	0.1865	0.003056
COMPONENT CGrid Rcpt Hsg 20Ckt	Component		57.291	0.939
LCP GF BLACK	Material		57.291	0.939
LCP	Substance		38.3849	0.62913
Further Additives	Substance	system	0.5729	0.00939
GF-Fiber	Substance		18.3331	0.30048

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/61/2018 (27 June 2018)

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	Phosphor Bronze 5% A (CA510)	*Note	250	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
Copper	Phosphor Bronze 5% A (CA510)	*Note	943,350	Yes
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
Phosphor Bronze 5% A (CA510)	44 Concentration within acceptable GADSL limits
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


Contained Substances Exceeding Threshold

None

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China ROHS Declaration Information

Part Number 0015445820		Hazardous Substances				
Part Name CGrid VT Rcpt 15"SAu 20Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid VT Rcpt 15"SAu 20Ckt	○	○	○	○	○	○
"CGrid Term Vert Mnt 15""SAu"	○	○	○	○	○	○
CGrid Term Vert Mnt	○	○	○	○	○	○
CGrid Term Vert Mnt	○	○	○	○	○	○
COMPONENT CGrid Rcpt Hsg 20Ckt	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A
Process Capability	SMC&WAVE
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

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