

Product Compliance Declaration



Material Composition Data provided by:

Request Date: 07.05.2014

Company Name: Molex
2222 Wellington Court
Lisle, IL 60532
US

Person certifying the declaration is true and complete:

Name: Mechalle Zirkle

Title:

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Part Information

Part Name: CGrid SL Srd VHdr SR
120 15"SAu 4Ckt **Part Weight:** 0.789000 G

Part Number: 0705430003

Comments:

Form Rev - F

Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (calculated)
CGrid SL Srd VHdr SR 120 15"SAu 4Ckt	Component		100.00000 %	0.789000 G
571PLT .025 SQ PIN 741002001	Sub-Component		23.32070 %	0.184000 G
Nickel Plating	Material		1.40391 %	0.002583 G
Nickel	Substance	7440-02-0	99.99000 %	0.002583 G
Further Additives	Substance	system	0.01000 %	0.000258 MG
Gold Plating	Material		0.36761 %	0.000676 G
Nickel	Substance	7440-02-0	0.25000 %	0.000002 G
Gold	Substance	7440-57-5	99.50000 %	0.000673 G
Cobalt	Substance	7440-48-4	0.25000 %	0.000002 G
.025 PIN UNPLD .100 C W/BULGE 741000001	Sub-Component		97.82587 %	0.180000 G
Phosphor Bronze 5% Unplated	Material		100.00000 %	0.180000 G
Copper	Substance	7440-50-8	94.70710 %	0.170473 G
Tin	Substance	7440-31-5	5.08570 %	0.009154 G
Phosphorus	Substance	7723-14-0	0.20720 %	0.000373 G
Tin Plating	Material		0.40261 %	0.000741 G
Tin	Substance	7440-31-5	100.00000 %	0.000741 G
CGrid SL Straight Mnt Hdr Opt L 4Ckt	Sub-Component		76.67930 %	0.605000 G
PCT GF BLACK	Material		100.00000 %	0.605000 G
GF-Fibre	Substance		28.50000 %	0.172425 G
Further Additives	Substance	system	4.85000 %	0.029342 G
Pigment portion, not to declare	Substance	system	4.00000 %	0.024200 G
PCT	Substance		34.15000 %	0.206608 G
Antimony compound, ISO 1043-4, not declarable	Substance		9.50000 %	0.057475 G
Flame Retardant, ISO 1043-4 FR(17)	Substance		19.00000 %	0.114950 G

RoHS Declaration

EU RoHS Compliant (per EU Directive 2011/65/EU)

Exemptions per EU RoHS

None.


Contained Substances Exceeding RoHS Threshold

None.

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China RoHS

Part Number: 0705430003		Hazardous Substances					
Part Name: CGrid SL Srd VHdr SR 120 15"SAu 4Ckt							
Part Information							
Components and their toxic substance composition		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
CGrid SL Srd VHdr SR 120 15"SAu 4Ckt		0	0	0	0	0	0
571PLT .025 SQ PIN 741002001		0	0	0	0	0	0
Nickel Plating		0	0	0	0	0	0
Gold Plating		0	0	0	0	0	0
.025 PIN UNPLD .100 C W/BULGE 741000001		0	0	0	0	0	0
Phosphor Bronze 5% Unplated		0	0	0	0	0	0
Tin Plating		0	0	0	0	0	0
CGrid SL Straight Mnt Hdr Opt L 4Ckt		0	0	0	0	0	0
PCT GF BLACK		0	0	0	0	0	0

Contained Substances Exceeding REACH SVHC Threshold

None.

Contained Substances Exceeding GADSL Threshold

Substance Group	Substance Location	Threshold	PPM of Substance
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	None	2500.0000000
Copper	Phosphor Bronze 5% A (CA510)	1,000 ppm	943350.0000000

Exemptions per GADSL

Part Name:	Description of the exemption
571PLT .025 SQ PIN 741002001	Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
571PLT .025 SQ PIN 741002001	Not applicable
571PLT .025 SQ PIN 741002001	Concentration within acceptable GADSL limits

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Contained Substances Exceeding JIG Threshold

Substance Group	Substance Location	Threshold in Material	Threshold in Article	PPM of Substance
Brominated Flame Retardants (other than PBBs or PBDEs)	PCT GF BLACK	900 ppm		190000.0000000
Nickel and its compounds	Gold Plating	None		2500.0000000
Nickel and its compounds	Nickel Plating	None		1000000.0000000

Contained Substances Exceeding Low Halogen Threshold

Substance Group	Substance Location	Threshold	PPM of Substance
Bromine and Chlorine combined	PCT GF BLACK	1,500 ppm	190000.0000000
Bromine and its compounds	PCT GF BLACK	900 ppm	190000.0000000

Process Information

Name	Component Plating / Surface Finish	Termination Base Alloy	Solder Alloy	Process Capability	Exposure time (Sec Max)	Process Temp (Max C)	Max Cycles at Reflow Temp	J-STD-020 Moisture Sens. Level
CGrid SL Srd VHdr SR 120 15"SAu 4Ckt	Matte tin - Ni barrier	Phosphor Bronze	N/A	Wave Capable (TH only)	3	260	1	N/A

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