

## Product Compliance Declaration

Please see [www.molex.com](http://www.molex.com) for the most up-to-date information.

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### Contact Information

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

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### Part Information

**Part Number** 0346900160 **Part Weight** 6.058G

**Part Name** STAC64 VERT HDR 16 CKT BLK POL A TRAY

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### Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 VERT HDR 16 CKT BLK POL A TRAY	Assembly		100	6.058
STAC64 VERT HDR HOUSING 16 CKT BLK POL A	Component		82.5685	5.002
PS-ST GF30 Black	Material		82.5685	5.002
PS-ST	Substance		48.2534	2.923189
GF-Fibre	Substance		24.916	1.509414
Pigment portion, not to declare	Substance	system	0.5476	0.033173
Further Additives, not to declare	Substance	system	2.5498	0.154467
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	6.3017	0.381758
0.64 X 19.87 SQ PIN BRASS REFLOW SN	Component		17.4315	1.056
SQ WIRE C26000 PL 0.625 X 0.625	Material		17.4315	1.056
Cartridge Brass 70% Unplated	Material		17.0735	1.03431
Copper	Substance	7440-50-8	11.9514	0.724017
Zinc (metal)	Substance	7440-66-6	5.122	0.310293

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.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper Plating	Material		0.0342	0.002072
Copper	Substance	7440-50-8	0.0342	0.002072
Tin Plating	Material		0.187	0.01133
Tin	Substance	7440-31-5	0.187	0.01133
Nickel Plating	Material		0.1368	0.008289
Nickel	Substance	7440-02-0	0.1368	0.008288
Further Additives, not to declare	Substance	system	1E-05	8E-07

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)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
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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	Yes
glass, oxide, chemicals	PS-ST GF30 Black	*Note	320,000	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
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0346900160		<div>Hazardous Substances</div>					
Part Name STAC64 VERT HDR 16 CKT BLK POL A TRAY							
Part Information							
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE	
STAC64 VERT HDR 16 CKT BLK POL A TRAY	O	O	O	O	O	O	
STAC64 VERT HDR HOUSING 16 CKT BLK POL A	O	O	O	O	O	O	
0.64 X 19.87 SQ PIN BRASS REFLOW SN	O	O	O	O	O	O	

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## Process Information

Component Plating / Surface Finish	MSn-RNi
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	040
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

Dec 14, 2020

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