

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 0346900080 **Part Weight** 4.528G

Part Name STAC64 VERT HDR 8 CKT BLK POL A TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 VERT HDR 8 CKT BLK POL A TRAY	Assembly		100	4.528
STAC64 VERT HDR HOUSING 8 CKT BLK POL A	Component		88.3392	4
PS-ST GF30 Black	Material		88.3392	4
PS-ST	Substance		51.6258	2.337616
GF-Fibre	Substance		26.6574	1.207048
Pigment portion, not to declare	Substance	system	0.5859	0.026528
Further Additives, not to declare	Substance	system	2.728	0.123524
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	6.7421	0.305284
0.64 X 19.87 SQ PIN BRASS REFLOW SN	Component		11.6608	0.528
SQ WIRE C26000 PL 0.625 X 0.625	Material		11.6608	0.528
Cartridge Brass 70% Unplated	Material		11.4213	0.517155
Copper	Substance	7440-50-8	7.9949	0.362008
Zinc (metal)	Substance	7440-66-6	3.4264	0.155146

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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		0.0229	0.001036
Copper	Substance	7440-50-8	0.0229	0.001036
Tin Plating	Material		0.1251	0.005665
Tin	Substance	7440-31-5	0.1251	0.005665
Nickel Plating	Material		0.0915	0.004144
Nickel	Substance	7440-02-0	0.0915	0.004144
Further Additives, not to declare	Substance	system	9E-06	4E-07

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

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	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)

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

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