

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 0346910120 **Part Weight** 6.28G

Part Name STAC64 RA HDR 12 CKT BLK POL A TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 RA HDR 12 CKT BLK POL A TRAY	Assembly		100	6.28
STAC64 RA HDR HOUSING 12 CKT BLK POL A	Component		77.4045	4.861
PS-ST GF30 Black	Material		77.4045	4.861
PS-ST	Substance		45.2355	2.840788
GF-Fibre	Substance		23.3577	1.466865
Pigment portion, not to declare	Substance	system	0.5133	0.032238
Further Additives, not to declare	Substance	system	2.3903	0.150113
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.9076	0.370996
0.64 X 34.93 SQ PIN BRASS REFLOW SN	Component		11.9427	0.75
SQ WIRE C26000 PL 0.625 X 0.625	Material		11.9427	0.75
Cartridge Brass 70% Unplated	Material		11.6974	0.734595
Copper	Substance	7440-50-8	8.1882	0.514217
Zinc (metal)	Substance	7440-66-6	3.5092	0.220379

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper Plating	Material		0.0234	0.001472
Copper	Substance	7440-50-8	0.0234	0.001472
Tin Plating	Material		0.1281	0.008047
Tin	Substance	7440-31-5	0.1281	0.008047
Nickel Plating	Material		0.0937	0.005887
Nickel	Substance	7440-02-0	0.0937	0.005886
Further Additives, not to declare	Substance	system	9E-06	6E-07
0.64 X 29.86 SQ PIN BRASS REFLOW SN	Component		9.4586	0.594
SQ WIRE C26000 PL 0.625 X 0.625	Material		9.4586	0.594
Cartridge Brass 70% Unplated	Material		9.2643	0.581799
Copper	Substance	7440-50-8	6.485	0.407259
Zinc (metal)	Substance	7440-66-6	2.7793	0.17454
Copper Plating	Material		0.0186	0.001165
Copper	Substance	7440-50-8	0.0186	0.001165
Tin Plating	Material		0.1015	0.006373
Tin	Substance	7440-31-5	0.1015	0.006373
Nickel Plating	Material		0.0742	0.004662
Nickel	Substance	7440-02-0	0.0742	0.004662
Further Additives, not to declare	Substance	system	7E-06	5E-07
PIN ALIGNMENT PLATE-12CKT STAC64	Component		1.1943	0.075
PET ST MYLAR 0.25 X 21.78 PET NATURAL	Material		1.1943	0.075
Polyethylene terephthalate	Substance	25038-59-9	1.162	0.072975
Further Additives, not to declare	Substance	system	0.0322	0.002025

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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

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
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
styrene	PS-ST GF30 Black	*Note	700	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	Yes
glass, oxide, chemicals	PS-ST GF30 Black	*Note	300,000	Yes

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

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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 0346910120		Hazardous Substances				
Part Name STAC64 RA HDR 12 CKT BLK POL A TRAY						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
STAC64 RA HDR 12 CKT BLK POL A TRAY	○	○	○	○	○	○
STAC64 RA HDR HOUSING 12 CKT BLK POL A	○	○	○	○	○	○
0.64 X 34.93 SQ PIN BRASS REFLOW SN	○	○	○	○	○	○
0.64 X 29.86 SQ PIN BRASS REFLOW SN	○	○	○	○	○	○
PIN ALIGNMENT PLATE-12CKT STAC64	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	MSn-RNi
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE

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Maximum Exposure Time (seconds)	040
Maximum Process Temperature (C)	260
Maximum Cycles at Reflow Temperature	003
J-STD-020 Moisture Sensitivity Level	N/A

Mar 24, 2021

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