

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 0347730142 **Part Weight** 10.183G

Part Name STAC64 RA HDR 14CKT HYB BRN POL C TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 RA HDR 14CKT HYB BRN POL C TRAY	Assembly		100	10.183
STAC64 RA HDR HSNB 14CKT BRN POL C	Component		68.2412	6.949
PS-ST GF BROWN	Material		68.2412	6.949
PS-ST	Substance		39.9571	4.068834
GF-Fibre	Substance		20.4724	2.0847
Further Additives, not to declare	Substance	system	2.2969	0.233896
Boric acid	Substance	10043-35-3	0.0838	0.008533
Pigment portion, not to declare	Substance	system	0.8139	0.082881
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	4.6171	0.470155
2.80 X 27.49 DUAL TAIL BLADE REFLOW SN	Component		20.4655	2.084
HSM Copper Unplated	Material		20.3084	2.068
Copper	Substance	7440-50-8	19.7865	2.014861
Iron	Substance	7439-89-6	0.4788	0.048757

Form Rev - F

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Phosphorus	Substance	7723-14-0	0.0172	0.00175
Zinc (metal)	Substance	7440-66-6	0.0259	0.002633
Nickel Plating	Material		0.0511	0.0052
Nickel	Substance	7440-02-0	0.0511	0.005199
Further Additives, not to declare	Substance	system	5E-06	5E-07
Tin Plating	Material		0.1061	0.0108
Tin	Substance	7440-31-5	0.1061	0.0108
0.64 X 35.76 SQ PIN BRASS REFLOW SN	Component		11.2933	1.15
SQ WIRE C26000 PL 0.625 X 0.625	Material		11.2933	1.15
Cartridge Brass 70% Unplated	Material		11.0614	1.126379
Copper	Substance	7440-50-8	7.743	0.788465
Zinc (metal)	Substance	7440-66-6	3.3184	0.337914
Copper Plating	Material		0.0222	0.002256
Copper	Substance	7440-50-8	0.0222	0.002256
Tin Plating	Material		0.1212	0.012338
Tin	Substance	7440-31-5	0.1212	0.012338
Nickel Plating	Material		0.0886	0.009026
Nickel	Substance	7440-02-0	0.0886	0.009025
Further Additives, not to declare	Substance	system	9E-06	9E-07

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

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REACH-SVHC Declaration Information

Regulatory Revision D(2020)9139-DC (19 Jan 2021)

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Boric acid	STAC64 RA HDR HSN 14CKT BRN POL C	1,000	1,228	Yes

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
copper	High Copper Alloy	*Note	974,600.55	Yes
copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
lead	High Copper Alloy	*Note	138.02	Yes
lead		*Note	500	Yes
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Boric acid	PS-ST GF BROWN	*Note	1,228	Yes

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

Exemptions

Part Name	Exemption
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
High Copper Alloy	44 Concentration within acceptable GADSL limits
	44 Concentration within acceptable GADSL limits
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0347730142		Hazardous Substances				
Part Name STAC64 RA HDR 14CKT HYB BRN POL C TRAY						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
STAC64 RA HDR 14CKT HYB BRN POL C TRAY	O	O	O	O	O	O
STAC64 RA HDR HSNB 14CKT BRN POL C	O	O	O	O	O	O
2.80 X 27.49 DUAL TAIL BLADE REFLOW SN	O	O	O	O	O	O
0.64 X 35.76 SQ PIN BRASS REFLOW SN	O	O	O	O	O	O

Process Information

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