

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 0346910202 **Part Weight** 8.703G

Part Name STAC64 RA HDR 20 CKT BRN POL C TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 RA HDR 20 CKT BRN POL C TRAY	Assembly		100	8.703
STAC64 RA HDR HOUSING 20 CKT BRN POL C	Component		73.1127	6.363
PS-ST GF BROWN	Material		73.1127	6.363
PS-ST	Substance		42.8095	3.725715
GF-Fibre	Substance		21.9338	1.9089
Further Additives, not to declare	Substance	system	2.4609	0.214172
Boric acid	Substance	10043-35-3	0.0898	0.007814
Pigment portion, not to declare	Substance	system	0.872	0.075892
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	4.9467	0.430508
0.64 X 34.93 SQ PIN BRASS REFLOW SN	Component		14.3629	1.25
SQ WIRE C26000 PL 0.625 X 0.625	Material		14.3629	1.25
Cartridge Brass 70% Unplated	Material		14.0679	1.224325
Copper	Substance	7440-50-8	9.8475	0.857028

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Zinc (metal)	Substance	7440-66-6	4.2204	0.367298
Copper Plating	Material		0.0282	0.002453
Copper	Substance	7440-50-8	0.0282	0.002453
Tin Plating	Material		0.1541	0.013411
Tin	Substance	7440-31-5	0.1541	0.013411
Nickel Plating	Material		0.1127	0.009811
Nickel	Substance	7440-02-0	0.1127	0.00981
Further Additives, not to declare	Substance	system	1E-05	1E-06
0.64 X 29.86 SQ PIN BRASS REFLOW SN	Component		11.3754	0.99
SQ WIRE C26000 PL 0.625 X 0.625	Material		11.3754	0.99
Cartridge Brass 70% Unplated	Material		11.1417	0.969665
Copper	Substance	7440-50-8	7.7992	0.678766
Zinc (metal)	Substance	7440-66-6	3.3425	0.2909
Copper Plating	Material		0.0223	0.001942
Copper	Substance	7440-50-8	0.0223	0.001942
Tin Plating	Material		0.122	0.010622
Tin	Substance	7440-31-5	0.122	0.010622
Nickel Plating	Material		0.0893	0.007771
Nickel	Substance	7440-02-0	0.0893	0.00777
Further Additives, not to declare	Substance	system	9E-06	8E-07
PIN ALIGNMENT PLATE-20CKT STAC64	Component		1.149	0.1
PET ST MYLAR 0.25 X 31.94	Material		1.149	0.1
Polyethylene terephthalate	Substance	25038-59-9	1.118	0.0973
Further Additives, not to declare	Substance	system	0.031	0.0027

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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

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Boric acid	STAC64 RA HDR HOUSING 20 CKT 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	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	Yes
lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Boric acid	PS-ST GF BROWN	*Note	1,228	Yes
glass, oxide, chemicals	PS-ST GF BROWN	*Note	300,000	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes

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

Exemptions

Part Name	Exemption
e-plate Sn (electrodeposited Tin Coatings, bright and matt)	44 Concentration within acceptable GADSL limits
Cartridge Brass 70% (CA260)	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	0346910202		<div>Hazardous Substances</div>					
Part Name	STAC64 RA HDR 20 CKT BRN POL C TRAY							
Part Information								
Components			Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
STAC64 RA HDR 20 CKT BRN POL C TRAY			O	O	O	O	O	O
STAC64 RA HDR HOUSING 20 CKT BRN POL C			O	O	O	O	O	O
0.64 X 34.93 SQ PIN BRASS REFLOW SN			O	O	O	O	O	O
0.64 X 29.86 SQ PIN BRASS REFLOW SN			O	O	O	O	O	O
PIN ALIGNMENT PLATE-20CKT STAC64			O	O	O	O	O	O

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

Mar 24, 2021

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