

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 0346910203 **Part Weight** 8.703G

Part Name STAC64 RA HDR 20 CKT GRN POL D TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 RA HDR 20 CKT GRN POL D TRAY	Assembly		100	8.703
STAC64 RA HDR HOUSING 20 CKT GRN POL D	Component		73.1127	6.363
PS GF GREEN	Material		73.1127	6.363
PS	Substance		42.9982	3.742131
GF-Fibre	Substance		21.7956	1.896868
Boric acid	Substance	10043-35-3	0.0355	0.003086
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	4.7108	0.409981
Further Additives, not to declare	Substance	system	2.5175	0.219097
Pigment portion, not to declare	Substance	system	1.0552	0.091837
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

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Boric acid	PS GF GREEN	*Note	200	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
copper	e-plate Cu (electrodeposited Copper Coatings)	*Note	999,625	Yes
glass, oxide, chemicals	PS GF GREEN	*Note	330,000	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 0346910203		Hazardous Substances				
Part Name STAC64 RA HDR 20 CKT GRN POL D TRAY						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
STAC64 RA HDR 20 CKT GRN POL D TRAY	O	O	O	O	O	O
STAC64 RA HDR HOUSING 20 CKT GRN POL D	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

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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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