

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 0346910161 **Part Weight** 7.534G

Part Name STAC64 RA HDR 16 CKT GRY POL B TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
STAC64 RA HDR 16 CKT GRY POL B TRAY	Assembly		100	7.534
STAC64 RA HDR HOUSING 16 CKT GRY POL B	Component		75.5774	5.694
PS-ST GF30	Material		75.5774	5.694
PS-ST	Substance		44.3545	3.341666
GF-Fibre	Substance		22.5787	1.701082
Pigment portion, not to declare	Substance	system	0.9258	0.069752
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.144	0.387551
Further Additives, not to declare	Substance	system	2.5743	0.193949
0.64 X 34.93 SQ PIN BRASS REFLOW SN	Component		13.2732	1
SQ WIRE C26000 PL 0.625 X 0.625	Material		13.2732	1
Cartridge Brass 70% Unplated	Material		13.0005	0.97946
Copper	Substance	7440-50-8	9.1004	0.685622
Zinc (metal)	Substance	7440-66-6	3.9002	0.293838

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper Plating	Material		0.026	0.001962
Copper	Substance	7440-50-8	0.026	0.001962
Tin Plating	Material		0.1424	0.010729
Tin	Substance	7440-31-5	0.1424	0.010729
Nickel Plating	Material		0.1042	0.007849
Nickel	Substance	7440-02-0	0.1042	0.007848
Further Additives, not to declare	Substance	system	1E-05	8E-07
0.64 X 29.86 SQ PIN BRASS REFLOW SN	Component		10.5123	0.792
SQ WIRE C26000 PL 0.625 X 0.625	Material		10.5123	0.792
Cartridge Brass 70% Unplated	Material		10.2964	0.775732
Copper	Substance	7440-50-8	7.2075	0.543013
Zinc (metal)	Substance	7440-66-6	3.0889	0.23272
Copper Plating	Material		0.0206	0.001554
Copper	Substance	7440-50-8	0.0206	0.001554
Tin Plating	Material		0.1128	0.008497
Tin	Substance	7440-31-5	0.1128	0.008497
Nickel Plating	Material		0.0825	0.006216
Nickel	Substance	7440-02-0	0.0825	0.006216
Further Additives, not to declare	Substance	system	8E-06	6E-07
PIN ALIGNMENT PLATE-16CKT STAC64	Component		0.6371	0.048
PET ST MYLAR 0.25 X 26.86	Material		0.6371	0.048
Polyethylene terephthalate	Substance	25038-59-9	0.6199	0.046704
Further Additives, not to declare	Substance	system	0.0172	0.001296

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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
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	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	*Note	320,000	Yes

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

Part Name	Exemption
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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 0346910161		Hazardous Substances				
Part Name STAC64 RA HDR 16 CKT GRY POL B TRAY						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
STAC64 RA HDR 16 CKT GRY POL B TRAY	O	O	O	O	O	O
STAC64 RA HDR HOUSING 16 CKT GRY POL B	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-16CKT 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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