

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 0346950100 **Part Weight** 8.55193G

Part Name POWERSTAC VHDR 10 CKT BLK POL A TRAY

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
POWERSTAC VHDR 10 CKT BLK POL A TRAY	Assembly		100	8.55193
POWERSTAC VHDR HOUSING 10 CKT BLK POL A	Component		73.3636	6.274
PS-ST GF30 Black	Material		73.3636	6.274
PS-ST	Substance		42.874	3.666551
GF-Fibre	Substance		22.1383	1.893255
Pigment portion, not to declare	Substance	system	0.4865	0.041609
Further Additives, not to declare	Substance	system	2.2655	0.193747
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	5.5992	0.478838
1.50 X 18.97 SOLDERTAIL BLADE REFLOW SN	Component		11.0165	0.942124
HSM Copper Unplated	Material		10.8747	0.93
Copper	Substance	7440-50-8	10.5953	0.906103
Iron	Substance	7439-89-6	0.2564	0.021927
Phosphorus	Substance	7723-14-0	0.0092	0.000787

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Zinc (metal)	Substance	7440-66-6	0.0138	0.001184
Nickel Plating	Material		0.0435	0.003724
Nickel	Substance	7440-02-0	0.0435	0.003724
Further Additives, not to declare	Substance	system	4E-06	4E-07
Tin Plating	Material		0.0982	0.0084
Tin	Substance	7440-31-5	0.0982	0.0084
2.80 X 19.52 DUAL TAIL BLADE REFLOW SN	Component		15.6199	1.335806
HSM Copper Unplated	Material		15.4819	1.324
Copper	Substance	7440-50-8	15.0841	1.289978
Iron	Substance	7439-89-6	0.365	0.031216
Phosphorus	Substance	7723-14-0	0.0131	0.00112
Zinc (metal)	Substance	7440-66-6	0.0197	0.001685
Nickel Plating	Material		0.0445	0.003806
Nickel	Substance	7440-02-0	0.0445	0.003806
Further Additives, not to declare	Substance	system	4E-06	4E-07
Tin Plating	Material		0.0935	0.008
Tin	Substance	7440-31-5	0.0935	0.008

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

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		*Note	500	Yes
lead	High Copper Alloy	*Note	138.02	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	High Copper Alloy	*Note	974,600.55	Yes
glass, oxide, chemicals	PS-ST GF30 Black	*Note	320,000	Yes

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

Exemptions

Part Name	Exemption
	44 Concentration within acceptable GADSL limits
High Copper Alloy	44 Concentration within acceptable GADSL limits
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm ² /week)

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21


Contained Substances Exceeding Threshold

None

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China ROHS Declaration Information

Part Number	0346950100		Hazardous Substances				
Part Name	POWERSTAC VHDR 10 CKT BLK POL A TRAY						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
POWERSTAC VHDR 10 CKT BLK POL A TRAY		○	○	○	○	○	○
POWERSTAC VHDR HOUSING 10 CKT BLK POL A		○	○	○	○	○	○
1.50 X 18.97 SOLDERTAIL BLADE REFLOW SN		○	○	○	○	○	○
2.80 X 19.52 DUAL TAIL BLADE REFLOW SN		○	○	○	○	○	○

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

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