

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

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Part Information

Part Number 0307005241 **Part Weight** 13,9717G

Part Name HDAC64 HYBRID RA HDR 24 CKT BLACK POL 2

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
HDAC64 HYBRID RA HDR 24 CKT BLACK POL 2	Assembly		100	13,9717
RA HEADER HOUSING BLACK 24 CKT	Component		58,2606	8,14
PS-ST GF30 Black	Material		58,2606	8,14
PS-ST	Substance		34,0477	4,757049
GF-FIBRE	Substance		17,5808	2,456343
Pigment portion	Substance	system	0,3864	0,053984
Further Additives	Substance	system	1,7991	0,251371
Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated	Substance	66070-58-4	4,4465	0,621253
MYLAR PIN ALIGNMENT PLATE-24CKT H-DAC 64	Assembly		1,2812	0,179
PET . X .	Component		1,2812	0,179
PET	Material		1,2812	0,179
Polyethylene terephthalate	Substance	25038-59-9	1,2466	0,174167
Further Additives	Substance	system	0,0346	0,004833

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
CAT 3 TERMINAL - SHORT R/A PLATED	Assembly		5,9549	0,832
CAT 3 TERMINAL - SHORT R/A	Component		5,869	0,82
Cartridge Brass 70% Unplated	Material		5,869	0,82
Copper	Substance	7440-50-8	4,1083	0,574
Zinc (metal)	Substance	7440-66-6	1,7607	0,246
Nickel Plating	Material		0,0329	0,0046
Nickel	Substance	7440-02-0	0,0329	0,0046
Further Additives	Substance	system	3E-6	5E-7
Tin Plating	Material		0,053	0,0074
Tin	Substance	7440-31-5	0,053	0,0074
CAT 3 TERMINAL - LONG R/A PLATED	Assembly		3,321	0,464
CAT 3 TERMINAL - LONG R/A	Component		3,2709	0,457
Cartridge Brass 70% Unplated	Material		3,2709	0,457
Copper	Substance	7440-50-8	2,2896	0,3199
Zinc (metal)	Substance	7440-66-6	0,9813	0,1371
Nickel Plating	Material		0,0193	0,0027
Nickel	Substance	7440-02-0	0,0193	0,0027
Further Additives	Substance	system	2E-6	3E-7
Tin Plating	Material		0,0308	0,0043
Tin	Substance	7440-31-5	0,0308	0,0043
CAT 2 TERMINAL - SHORT R/A PLATED	Assembly		5,6901	0,795
CAT 2 TERMINAL - SHORT R/A	Component		5,6042	0,783
Cartridge Brass 70% Unplated	Material		5,6042	0,783
Copper	Substance	7440-50-8	3,9229	0,5481
Zinc (metal)	Substance	7440-66-6	1,6813	0,2349
Nickel Plating	Material		0,0344	0,0048
Nickel	Substance	7440-02-0	0,0344	0,0048
Further Additives	Substance	system	3E-6	5E-7
Tin Plating	Material		0,0515	0,0072

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin	Substance	7440-31-5	0,0515	0,0072
CAT 2 TERMINAL - LONG R/A PLATED	Assembly		12,2748	1,715
CAT 2 TERMINAL - LONG R/A	Component		12,0601	1,685
Cartridge Brass 70% Unplated	Material		12,0601	1,685
Copper	Substance	7440-50-8	8,4421	1,1795
Zinc (metal)	Substance	7440-66-6	3,618	0,5055
Nickel Plating	Material		0,0823	0,0115
Nickel	Substance	7440-02-0	0,0823	0,011499
Further Additives	Substance	system	8E-6	0,000001
Tin Plating	Material		0,1324	0,0185
Tin	Substance	7440-31-5	0,1324	0,0185
CAT 0 TERMINAL - SHORT R/A (24 CKT) PLTD	Assembly		6,5611	0,9167
CAT 0 TERMINAL - SHORT R/A (24 CKT)	Component		6,4631	0,903
Cartridge Brass 70% Unplated	Material		6,4631	0,903
Copper	Substance	7440-50-8	4,5241	0,6321
Zinc (metal)	Substance	7440-66-6	1,9389	0,2709
Tin Plating	Material		0,0551	0,0077
Tin	Substance	7440-31-5	0,0551	0,0077
Nickel Plating	Material		0,0429	0,006
Nickel	Substance	7440-02-0	0,0429	0,005999
Further Additives	Substance	system	4E-6	6E-7
CAT 0 TERMINAL - LONG R/A (24 CKT) PLTD	Assembly		6,6563	0,93
CAT 0 TERMINAL - LONG R/A (24 CKT)	Component		6,5275	0,912
Cartridge Brass 70% Unplated	Material		6,5275	0,912
Copper	Substance	7440-50-8	4,5692	0,6384
Zinc (metal)	Substance	7440-66-6	1,9582	0,2736
Tin Plating	Material		0,073	0,0102
Tin	Substance	7440-31-5	0,073	0,0102
Nickel Plating	Material		0,0558	0,0078

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	0,0558	0,007799
Further Additives	Substance	system	6E-6	8E-7

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision ED/01/2018 (15 January 2018)

Contained Substances Exceeding Threshold

None

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

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Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
Lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes
Lead	e-plate Sn (electrodeposited Tin Coatings, bright and matt)	*Note	150	Yes
Styrene	PS-ST GF30 Black	*Note	700	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Glass fibres	PS-ST GF30 Black	*Note	300,000	Yes

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

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)

Process Information

Component Plating / Surface Finish	BSn-Ni
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

Aug 3, 2019

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