

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 0015247063 **Part Weight** 1.299245G

Part Name Mini-Fit B.M.I. Rec Hdr Assy V-0 6Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Mini-Fit B.M.I. Rec Hdr Assy V-0 6Ckt	Assembly		100	1.299245
42385-06B0 505269-125	Component		52.8768	0.687
PA66 NATURAL	Material		52.8768	0.687
PA66	Substance		45.4741	0.59082
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.3452	0.08244
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.5288	0.00687
Calcium distearate	Substance	1592-23-0	0.5288	0.00687
P.C. TAIL TERMINAL - FORM 423840012	Component		23.5613	0.306119
Cartridge Brass 70% Unplated	Material		23.3212	0.303
Copper	Substance	7440-50-8	16.3249	0.2121
Zinc (metal)	Substance	7440-66-6	6.9964	0.0909
Gold Plating	Material		0.0111	0.000145
Cobalt	Substance	7440-48-4	3E-05	4E-07

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel	Substance	7440-02-0	3E-05	4E-07
Gold	Substance	7440-57-5	0.0111	0.000144
Nickel Plating	Material		0.1609	0.002091
Nickel	Substance	7440-02-0	0.1609	0.00209
Further Additives, not to declare	Substance	system	2E-05	2E-07
Tin Plating	Material		0.068	0.000883
Tin	Substance	7440-31-5	0.068	0.000883
P.C. TAIL TERMINAL - FORM 423840022	Component		23.5619	0.306127
Cartridge Brass 70% Unplated	Material		23.3212	0.303
Copper	Substance	7440-50-8	16.3249	0.2121
Zinc (metal)	Substance	7440-66-6	6.9964	0.0909
Gold Plating	Material		0.0118	0.000153
Cobalt	Substance	7440-48-4	3E-05	4E-07
Nickel	Substance	7440-02-0	3E-05	4E-07
Gold	Substance	7440-57-5	0.0117	0.000153
Nickel Plating	Material		0.1609	0.00209
Nickel	Substance	7440-02-0	0.1609	0.00209
Further Additives, not to declare	Substance	system	2E-05	2E-07
Tin Plating	Material		0.068	0.000883
Tin	Substance	7440-31-5	0.068	0.000883

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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)4578-DC (25 June 2020)

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	500	Yes
Nickel	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
Nickel	Ep-Ni	*Note	997,500	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold	*Note	2,500	Yes
Copper	Cartridge Brass 70% (CA260)	*Note	700,000	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
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)
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 0015247063		Hazardous Substances				
Part Name Mini-Fit B.M.I. Rec Hdr Assy V-0 6Ckt						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Mini-Fit B.M.I. Rec Hdr Assy V-0 6Ckt	O	O	O	O	O	O
42385-06B0 505269-125	O	O	O	O	O	O
P.C. TAIL TERMINAL - FORM 423840012	O	O	O	O	O	O
P.C. TAIL TERMINAL - FORM 423840022	O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE

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Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	240
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

Sep 20, 2020

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