

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 0353181620 **Part Weight** 5.436032G

Part Name 16CKT R/A MINI FIT CONN.

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
16CKT R/A MINI FIT CONN.	Assembly		100	5.436032
NEW MINIFIT CONN R/A WAFE	Component		42.3103	2.3
PA66 NATURAL	Material		42.3103	2.3
PA66	Substance		40.1948	2.185
Further Additives, not to declare	Substance	system	2.1155	0.115
1.07 SQ WIRE PIN(PLATED)	Assembly		35.7617	1.944016
1.07 SQ WIRE PIN(UNPLATE	Assembly		35.7614	1.944
1.07 SQ WIRE PIN(UNPLATE	Component		35.7614	1.944
C2700	Material		35.7614	1.944
Copper	Substance	7440-50-8	23.2449	1.2636
Zinc (metal)	Substance	7440-66-6	12.4986	0.679428
Lead	Substance	7439-92-1	0.0089	0.000486
Iron	Substance	7439-89-6	0.0089	0.000486

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Copper Plating	Material		0.0001	0.000008
Copper	Substance	7440-50-8	0.0001	0.000008
Tin Plating	Material		0.0001	0.000008
Tin	Substance	7440-31-5	0.0001	0.000008
1.07 SQ WIRE PIN(PLATED)	Assembly		21.9281	1.192016
1.07 SQ WIRE PIN	Assembly		21.9278	1.192
1.07 SQ WIRE PIN	Component		21.9278	1.192
C2700	Material		21.9278	1.192
Copper	Substance	7440-50-8	14.253	0.7748
Zinc (metal)	Substance	7440-66-6	7.6638	0.416604
Lead	Substance	7439-92-1	0.0055	0.000298
Iron	Substance	7439-89-6	0.0055	0.000298
Copper Plating	Material		0.0001	0.000008
Copper	Substance	7440-50-8	0.0001	0.000008
Tin Plating	Material		0.0001	0.000008
Tin	Substance	7440-31-5	0.0001	0.000008

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

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 D(2020)9139-DC (19 Jan 2021)

Contained Substances Exceeding Threshold

None


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number0353181620		Hazardous Substances				
Part Name16CKT R/A MINI FIT CONN.						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
16CKT R/A MINI FIT CONN.	O	O	O	O	O	O
NEW MINIFIT CONN R/A WAFE	O	O	O	O	O	O

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
1.07 SQ WIRE PIN(PLATED)	O	O	O	O	O	O
1.07 SQ WIRE PIN(UNPLATE	O	O	O	O	O	O
1.07 SQ WIRE PIN(UNPLATE	O	O	O	O	O	O
1.07 SQ WIRE PIN(PLATED)	O	O	O	O	O	O
1.07 SQ WIRE PIN	O	O	O	O	O	O
1.07 SQ WIRE PIN	O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	SnCu
Termination Base Alloy	Brass
Solder Alloy	SnAgCu
Process Capability	N/A
Maximum Exposure Time (seconds)	N/A
Maximum Process Temperature (C)	N/A
Maximum Cycles at Reflow Temperature	N/A
J-STD-020 Moisture Sensitivity Level	N/A

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