

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 1704151922 **Part Weight** 32.185688G

Part Name Impact Mezz 22mm 3x16 Unguided

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Impact Mezz 22mm 3x16 Unguided	Assembly		100	32.185688
Impact Front Housing, DC, 16 col, open	Component		9.2495	2.977
LCP GF30 BLACK	Material		9.2495	2.977
LCP	Substance		6.3544	2.045199
Carbon black	Substance	1333-86-4	0.0925	0.02977
GF-Fibre	Substance		2.7748	0.8931
Further Additives, not to declare	Substance	system	0.0277	0.008931
Impact 100 Waflet 3-PR Left Sn 22mm	Assembly		45.0397	14.496336
Impact Leadframe,3pr,Mezz 22mm ,Sn,Left	Assembly		6.5133	2.096336
Impact 100 Leadframe 3-PR Left Unplated	Component		6.2885	2.024
Copper-Nickel-Silicon Unplated	Material		6.2885	2.024
Copper	Substance	7440-50-8	6.0307	1.941016
Nickel	Substance	7440-02-0	0.2012	0.064768

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Silicon	Substance	7440-21-3	0.0456	0.014674
Magnesium (metal)	Substance	7439-95-4	0.011	0.003542
Gold Plating	Material		0.0152	0.004892
Cobalt	Substance	7440-48-4	4E-05	0.000012
Nickel	Substance	7440-02-0	4E-05	0.000012
Gold	Substance	7440-57-5	0.0151	0.004868
Tin Plating	Material		0.0057	0.001844
Tin	Substance	7440-31-5	0.0057	0.001844
Nickel Plating	Material		0.2038	0.0656
Nickel	Substance	7440-02-0	0.2038	0.065593
Further Additives, not to declare	Substance	system	2E-05	0.000007
LCP GF30 BLACK	Material		38.5264	12.4
LCP	Substance		26.4677	8.5188
Carbon black	Substance	1333-86-4	0.3853	0.124
GF-Fibre	Substance		11.5579	3.72
Further Additives, not to declare	Substance	system	0.1156	0.0372
Impact 100 Waflet 3-PR Right Sn 22mm	Assembly		45.7109	14.712352
Impact Leadframe,3pr,Mezz 22mm ,Sn,Right	Assembly		6.4884	2.088352
Impact 100 Leadframe 3-PR Right Unplated	Component		6.2637	2.016
Copper-Nickel-Silicon Unplated	Material		6.2637	2.016
Copper	Substance	7440-50-8	6.0068	1.933344
Nickel	Substance	7440-02-0	0.2004	0.064512
Silicon	Substance	7440-21-3	0.0454	0.014616
Magnesium (metal)	Substance	7439-95-4	0.011	0.003528
Gold Plating	Material		0.0152	0.004904
Cobalt	Substance	7440-48-4	4E-05	0.000012
Nickel	Substance	7440-02-0	4E-05	0.000012
Gold	Substance	7440-57-5	0.0152	0.004879
Tin Plating	Material		0.0057	0.001848

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Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Tin	Substance	7440-31-5	0.0057	0.001848
Nickel Plating	Material		0.2038	0.0656
Nickel	Substance	7440-02-0	0.2038	0.065593
Further Additives, not to declare	Substance	system	2E-05	0.000007
LCP GF30 BLACK	Material		39.2224	12.624
LCP	Substance		26.9458	8.672688
Carbon black	Substance	1333-86-4	0.3922	0.12624
GF-Fibre	Substance		11.7667	3.7872
Further Additives, not to declare	Substance	system	0.1177	0.037872

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

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GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	Copper Nickel	*Note	250	Yes
lead		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Copper Nickel	*Note	32,000	Yes
nickel powder [particle diameter < 1 mm]	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
Cobalt	Copper Nickel	*Note	2,000	Yes
Cobalt	e-plate Au (Hardgold) (electrodeposited Hardgold)	*Note	2,500	Yes
copper	Copper Nickel	*Note	947,750	Yes
glass, oxide, chemicals	LCP GF30 BLACK	*Note	300,000	Yes

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

Exemptions

Part Name	Exemption
Copper Nickel	44 Concentration within acceptable GADSL limits
	44 Concentration within acceptable GADSL limits
Copper Nickel	34 Not applicable
e-plate Au (Hardgold) (electrodeposited Hardgold Coatings)	34 Not applicable
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 1704151922		Hazardous Substances				
Part Name Impact Mezz 22mm 3x16 Unguided						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Impact Mezz 22mm 3x16 Unguided	○	○	○	○	○	○
Impact Front Housing, DC, 16 col, open	○	○	○	○	○	○
Impact 100 Waflet 3-PR Left Sn 22mm	○	○	○	○	○	○
Impact Leadframe,3pr,Mezz 22mm ,Sn,Left	○	○	○	○	○	○
Impact 100 Leadframe 3-PR Left Unplated	○	○	○	○	○	○
Impact 100 Waflet 3-PR Right Sn 22mm	○	○	○	○	○	○
Impact Leadframe,3pr,Mezz 22mm ,Sn,Right	○	○	○	○	○	○
Impact 100 Leadframe 3-PR Right Unplated	○	○	○	○	○	○

Process Information

Component Plating / Surface Finish	N/A
Termination Base Alloy	N/A
Solder Alloy	N/A
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

Mar 25, 2021

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