

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 0314022710 **Part Weight** 4.708G

Part Name MX64 FEM 1X2 GETMETAL W/CPA BLK POLD/2

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
MX64 FEM 1X2 GETMETAL W/CPA BLK POLD/2	Assembly		100	4.708
MX FEM MATTE SEAL X ROYAL BLUE	Component		2.7613	0.13
VMQ	Material		2.7613	0.13
VMQ	Substance		2.6646	0.12545
Pigment Blue 29 (C.I.)	Substance	57455-37-5	0.0138	0.00065
Dimethylsilicone	Substance	63148-62-9	0.0083	0.00039
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.0469	0.00221
Silica, amorphous	Substance	112926-00-8	0.0276	0.0013
MX64 FEM TERM HSNG 1X2 GETMETAL BLK	Component		15.633	0.736
PA66+PS GF BLACK	Material		15.633	0.736
PS	Substance		4.4554	0.20976
PA66	Substance		4.6586	0.219328
GF-Fibre	Substance		5.0025	0.23552

Form Rev - F

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)
Carbon black	Substance	1333-86-4	0.0313	0.001472
Further Additives, not to declare	Substance	system	1.4851	0.06992
MX64 FEM CONN HSNG 1X2 POLD GETMETAL BLK	Component		64.1037	3.018
PBT GF BLACK	Material		64.1037	3.018
PBT	Substance		53.206	2.50494
GF-Fibre	Substance		9.6155	0.4527
Further Additives, not to declare	Substance	system	1.2821	0.06036
MX PERIPHERAL SEAL X LTBLUE	Component		4.0357	0.19
VMQ	Material		4.0357	0.19
VMQ	Substance		4.0115	0.18886
Pigment Blue 29 (C.I.)	Substance	57455-37-5	0.0161	0.00076
Dimethylsilicone	Substance	63148-62-9	0.0081	0.00038
MX64 FEM TPA 1X2 NAT	Component		5.3951	0.254
PA66+PS-GF20 NATURAL	Material		5.3951	0.254
PS	Substance		1.1245	0.052941
PA66	Substance		3.0508	0.143629
GF-Fibre	Substance		1.0631	0.050051
Further Additives, not to declare	Substance	system	0.1567	0.007379
MX64 CPA	Component		8.0714	0.38
PBT GF RED	Material		8.0714	0.38
PBT	Substance		5.4588	0.257
GF-Fibre	Substance		2.5276	0.119
Pigment portion, not to declare	Substance	system	0.0425	0.002
Further Additives, not to declare	Substance	system	0.0425	0.002

Form Rev - F

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.

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

GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
glass, oxide, chemicals	PA66+PS-GF20 NATURAL	*Note	210,000	Yes
glass, oxide, chemicals	PBT GF RED	*Note	350,000	Yes
glass, oxide, chemicals	PBT GF BLACK	*Note	150,000	Yes

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

Exemptions

None

Form Rev - F

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.


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0314022710		Hazardous Substances				
Part Name MX64 FEM 1X2 GETMETAL W/CPA BLK POLD/2						
Part Information						
Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX64 FEM 1X2 GETMETAL W/CPA BLK POLD/2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MX FEM MATTE SEAL X ROYAL BLUE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MX64 FEM TERM HSNG 1X2 GETMETAL BLK	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MX64 FEM CONN HSNG 1X2 POLD GETMETAL BLK	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MX PERIPHERAL SEAL X LTBLUE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MX64 FEM TPA 1X2 NAT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MX64 CPA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Form Rev - F

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.

Mar 24, 2021

Form Rev - F

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.