

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 0314032200 Part Weight 4.322G

Part Name MX64 FEM 1X2 MXMETAL WOCPA GRY POLB/2

Product Composition

Name	Туре	CAS Number	Proportion (% Total)	Mass (Grams)	
MX64 FEM 1X2 MXMETAL WOCPA GRY POLB/2	Assembly		100	4.322	
MX64 FEM TERM HSNG 1X2 GETMETAL BLK	Component		17.0292	0.736	
PA66+PS GF BLACK	Material		17.0292	0.736	
PS	Substance		4.8533	0.20976	
PA66	Substance		5.0747	0.219328	
GF-Fibre	Substance		5.4493	0.23552	
Carbon black	Substance	1333-86-4	0.0341	0.001472	
Further Additives, not to declare	Substance	system	1.6178	0.06992	
MX FEM MATTE SEAL X LTBLUE	Component		2.7765	0.12	
VMQ	Material		2.7765	0.12	
VMQ	Substance		2.6404	0.11412	
Cobalt-aluminate-blue-spinel	Substance	1345-16-0	0.0056	0.00024	
Titanium-dioxide	Substance	13463-67-7	0.025	0.00108	

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	Туре	CAS Number	Proportion (% Total)	Mass (Grams)	
Siloxanes and Silicones, di-Me, Me vinyl, vinyl group- terminated	Substance	68083-18-1	0.0222	0.00096	
Siloxanes and silicones, di-Me, Me Ph	Substance	63148-52-7	0.0555	0.0024	
Silicon dioxide	Substance	7631-86-9	0.0278	0.0012	
MX64 FEM CONN HSNG 1X2 POLB MXMETAL GRY	Component		69.8288	3.018	
PBT GF GRAY	Material		69.8288	3.018	
PBT	Substance		57.9579	2.50494	
GF-Fibre	Substance		10.4743	0.4527	
Further Additives, not to declare	Substance	system	1.3966	0.06036	
MX PERIPHERAL SEAL X LTBLUE	Component		4.4887	0.194	
VMQ	Material		4.4887	0.194	
VMQ	Substance		4.4213	0.19109	
Cobalt-aluminate-blue-spinel	Substance	1345-16-0	0.0269	0.001164	
Siloxanes and silicones, di-Me, vinyl group-terminated	Substance	68083-19-2	0.0404	0.001746	
MX64 FEM TPA 1X2 NAT	Component		5.8769	0.254	
PA66+PS-GF20 NATURAL	Material		5.8769	0.254	
PS	Substance		1.2249	0.052941	
PA66	Substance		3.3232	0.143629	
GF-Fibre	Substance		1.158	0.050051	
Further Additives, not to declare	Substance	system	0.1707	0.007379	

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

Form Rev - F

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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 GRAY	*Note	150,000	Yes
Cobalt-aluminate-blue-spinel	VMQ	*Note	2,000	Yes
Cobalt-aluminate-blue-spinel	VMQ	*Note	6,000	Yes

^{*}Note: For GADSL substance declarable/prohibited threshold values, please reference http://www.gadsl.org/

Exemptions

None

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

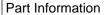
None

China ROHS Declaration Information

Part Number 0314032200

Part Name MX64 FEM 1X2 MXMETAL WOCPA

GRY POLB/2





Hazardous Substances

Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX64 FEM 1X2 MXMETAL WOCPA GRY POLB/2	0	0	0	0	0	0
MX64 FEM TERM HSNG 1X2 GETMETAL BLK	0	0	0	0	0	0
MX FEM MATTE SEAL X LTBLUE	0	0	0	0	0	0
MX64 FEM CONN HSNG 1X2 POLB MXMETAL GRY	0	0	0	0	0	0
MX PERIPHERAL SEAL X LTBLUE	0	0	0	0	0	0
MX64 FEM TPA 1X2 NAT	0	0	0	0	0	0

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 24, 2021