

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	Type	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

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Name	Type	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

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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

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China ROHS Declaration Information

Part Number	0314032200		Hazardous Substances				
Part Name	MX64 FEM 1X2 MXMETAL WOCPA GRY POLB/2						
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
MX64 FEM 1X2 MXMETAL WOCPA GRY POLB/2		○	○	○	○	○	○
MX64 FEM TERM HSNG 1X2 GETMETAL BLK		○	○	○	○	○	○
MX FEM MATTE SEAL X LTBLUE		○	○	○	○	○	○
MX64 FEM CONN HSNG 1X2 POLB MXMETAL GRY		○	○	○	○	○	○
MX PERIPHERAL SEAL X LTBLUE		○	○	○	○	○	○
MX64 FEM TPA 1X2 NAT		○	○	○	○	○	○

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

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