

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

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Part Information

Part Number 0314043110 **Part Weight** 5.139G

Part Name MX64 FEM 1X3 KAIZAN W/CPA BLK POLA/3

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|--------------------------------------|-----------|------------|----------------------|--------------|
| MX64 FEM 1X3 KAIZAN W/CPA BLK POLA/3 | Assembly | | 100 | 5.139 |
| MX64 FEM TERM HSNG 1X3 KAIZAN BLK | Component | | 19.3423 | 0.994 |
| PA66+PS GF BLACK | Material | | 19.3423 | 0.994 |
| PS | Substance | | 5.5126 | 0.28329 |
| PA66 | Substance | | 5.764 | 0.296212 |
| GF-Fibre | Substance | | 6.1895 | 0.31808 |
| Carbon black | Substance | 1333-86-4 | 0.0387 | 0.001988 |
| Further Additives, not to declare | Substance | system | 1.8375 | 0.09443 |
| MX FEM MATTE SEAL X LIGHT BLUE | Component | | 3.6972 | 0.19 |
| VMQ | Material | | 3.6972 | 0.19 |
| VMQ | Substance | | 3.5161 | 0.18069 |
| Cobalt-aluminate-blue-spinel | Substance | 1345-16-0 | 0.0074 | 0.00038 |
| Titanium-dioxide | Substance | 13463-67-7 | 0.0333 | 0.00171 |

Form Rev - F

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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 | 0.0296 | 0.00152 |
| Siloxanes and silicones, di-Me, Me Ph | Substance | 63148-52-7 | 0.0739 | 0.0038 |
| Silicon dioxide | Substance | 7631-86-9 | 0.037 | 0.0019 |
| MX64 FEM CONN HSNG 1X3 POLA KAIZAN BLK | Component | | 59.5836 | 3.062 |
| PBT GF BLACK | Material | | 59.5836 | 3.062 |
| PBT | Substance | | 49.4544 | 2.54146 |
| GF-Fibre | Substance | | 8.9375 | 0.4593 |
| Further Additives, not to declare | Substance | system | 1.1917 | 0.06124 |
| MX PERIPHERAL SEAL X RUSTRED | Component | | 4.3394 | 0.223 |
| VMQ | Material | | 4.3394 | 0.223 |
| VMQ | Substance | | 4.2743 | 0.219655 |
| Synthetic iron oxide (Fe2O3) | Substance | 1332-37-2 | 0.0477 | 0.002453 |
| Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated | Substance | 68083-18-1 | 0.0174 | 0.000892 |
| MX64 FEM TPA KAIZEN 1X3 NAT | Component | | 5.6431 | 0.29 |
| PA66+PS-GF20 NATURAL | Material | | 5.6431 | 0.29 |
| PS | Substance | | 1.1762 | 0.060445 |
| PA66 | Substance | | 3.191 | 0.163986 |
| GF-Fibre | Substance | | 1.112 | 0.057144 |
| Further Additives, not to declare | Substance | system | 0.1639 | 0.008424 |
| MX64 CPA | Component | | 7.3944 | 0.38 |
| PBT GF RED | Material | | 7.3944 | 0.38 |
| PBT | Substance | | 5.001 | 0.257 |
| GF-Fibre | Substance | | 2.3156 | 0.119 |
| Pigment portion, not to declare | Substance | system | 0.0389 | 0.002 |
| Further Additives, not to declare | Substance | system | 0.0389 | 0.002 |

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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(2021)4569-DC (8 July 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 |
|------------------------------|--------------------|-----------------|---------------------|---------------------|
| Cobalt-aluminate-blue-spinel | VMQ | *Note | 2,000 | Yes |

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

Exemptions

None

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HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

| | | | | | | |
|--|---|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Part Number 0314043110 |  | Hazardous Substances | | | | |
| Part Name MX64 FEM 1X3 KAIZAN W/CPA BLK POLA/3 | | | | | | |
| Part Information | | | | | | |
| Components | Lead | Mercury | Cadmium | Hex. Chromium | PBB | PBDE |
| MX64 FEM 1X3 KAIZAN W/CPA BLK POLA/3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| MX64 FEM TERM HSNG 1X3 KAIZAN BLK | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| MX FEM MATTE SEAL X LIGHT BLUE | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| MX64 FEM CONN HSNG 1X3 POLA KAIZAN BLK | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| MX PERIPHERAL SEAL X RUSTRED | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| MX64 FEM TPA KAIZEN 1X3 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"/> |

Additional Information

| | |
|----------------------------------|-----------|
| Annex XVII to REACH (76/769/EEC) | Compliant |
| Regulation (EU) 2019/1021 (POP) | Compliant |

Process Information

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

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| | |
|--------------------------------------|-----|
| 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 |

Jan 20, 2022

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