

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 0345662003 **Part Weight** 53.046G

Part Name MX123 HRN CONN ASSY 80 CKT OPT9 KEY H/80

Product Composition

| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|--|-----------|------------|----------------------|--------------|
| MX123 HRN CONN ASSY 80 CKT OPT9 KEY H/80 | Assembly | | 100 | 53.046 |
| MX123 HSG 80 CKT OPT9 KEY H | Component | | 49.7681 | 26.4 |
| PA66+PS GF BLACK | Material | | 49.7681 | 26.4 |
| PS | Substance | | 10.4513 | 5.544 |
| PA66 | Substance | | 16.6723 | 8.844 |
| GF-Fibre | Substance | | 17.4188 | 9.24 |
| Carbon black | Substance | 1333-86-4 | 0.4977 | 0.264 |
| Further Additives, not to declare | Substance | system | 4.728 | 2.508 |
| MX RING SEAL / CKT | Component | | 2.6505 | 1.406 |
| VMQ | Material | | 2.6505 | 1.406 |
| Diiron-trioxide | Substance | 1309-37-1 | 0.0133 | 0.00703 |
| Siloxanes and silicones, di-Me, vinyl group-terminated | Substance | 68083-19-2 | 0.0265 | 0.01406 |
| VMQ | Substance | | 2.6108 | 1.38491 |

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| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|--|-----------|------------|----------------------|--------------|
| MX123 TPA 80 CKT OPT9 ST GRY KEY H | Component | | 8.9696 | 4.758 |
| PA66+PS GF STONE GRAY | Material | | 8.9696 | 4.758 |
| PS | Substance | | 2.1975 | 1.16571 |
| PA66 | Substance | | 2.8703 | 1.52256 |
| GF-Fibre | Substance | | 2.8703 | 1.52256 |
| Zinc sulphide | Substance | 1314-98-3 | 0.1794 | 0.09516 |
| Further Additives, not to declare | Substance | system | 0.8521 | 0.45201 |
| MX GROMMET SEAL CKT RUST RED | Component | | 7.1447 | 3.79 |
| VMQ | Material | | 7.1447 | 3.79 |
| VMQ | Substance | | 4.1218 | 2.186451 |
| Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated | Substance | 68083-18-1 | 2.715 | 1.4402 |
| Silicon dioxide | Substance | 7631-86-9 | 0.0357 | 0.01895 |
| Siloxanes and silicones, di-Me, Me Ph | Substance | 63148-52-7 | 0.2215 | 0.11749 |
| Synthetic iron oxide (Fe2O3) | Substance | 1332-37-2 | 0.0507 | 0.026909 |
| MX123 GROMMET CAP 80 CKT OPT9 NO OPEN | Component | | 9.5841 | 5.084 |
| PA66+PS GF BLACK | Material | | 9.5841 | 5.084 |
| PS | Substance | | 2.0127 | 1.06764 |
| PA66 | Substance | | 3.2107 | 1.70314 |
| GF-Fibre | Substance | | 3.3544 | 1.7794 |
| Carbon black | Substance | 1333-86-4 | 0.0958 | 0.05084 |
| Further Additives, not to declare | Substance | system | 0.9105 | 0.48298 |
| MX123 SLIDE L 73/80 CKT BLK | Component | | 3.7213 | 1.974 |
| PBT+PTFE GF BLACK | Material | | 3.7213 | 1.974 |
| PBT | Substance | | 1.927 | 1.022189 |
| GF-Fibre | Substance | | 1.186 | 0.629106 |
| PTFE | Substance | | 0.555 | 0.294383 |
| Carbon black | Substance | 1333-86-4 | 0.0534 | 0.028323 |
| MX123 SLIDE R 73/80 CKT BLK | Component | | 3.7213 | 1.974 |

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| Name | Type | CAS Number | Proportion (% Total) | Mass (Grams) |
|---------------------------------------|-----------|------------|----------------------|--------------|
| PBT+PTFE GF BLACK | Material | | 3.7213 | 1.974 |
| PBT | Substance | | 1.927 | 1.022189 |
| GF-Fibre | Substance | | 1.186 | 0.629106 |
| PTFE | Substance | | 0.555 | 0.294383 |
| Carbon black | Substance | 1333-86-4 | 0.0534 | 0.028323 |
| MX123 CPA | Component | | 0.4883 | 0.259 |
| PA66+PPE GF RED | Material | | 0.4883 | 0.259 |
| PPE+PA66-I | Substance | | 0.4156 | 0.220474 |
| GF-Fibre | Substance | | 0.0516 | 0.027389 |
| Titanium-dioxide | Substance | 13463-67-7 | 0.0046 | 0.002437 |
| Further Additives, not to declare | Substance | system | 0.012 | 0.006369 |
| Pigment portion, not to declare | Substance | system | 0.0044 | 0.002331 |
| MX123 MATE ASSIST LEVER 73/80 CKT BLK | Component | | 13.952 | 7.401 |
| PA66+PS GF BLACK | Material | | 13.952 | 7.401 |
| PS | Substance | | 2.9299 | 1.55421 |
| PA66 | Substance | | 4.6739 | 2.479335 |
| GF-Fibre | Substance | | 4.8832 | 2.59035 |
| Carbon black | Substance | 1333-86-4 | 0.1395 | 0.07401 |
| Further Additives, not to declare | Substance | system | 1.3254 | 0.703095 |

HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

Not reviewed

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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(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 |
|-------------------------|-----------------------|-----------------|---------------------|---------------------|
| zinc sulphide | PA66+PS GF STONE GRAY | *Note | 20,000 | Yes |
| glass, oxide, chemicals | PA66+PS GF BLACK | *Note | 350,000 | Yes |
| glass, oxide, chemicals | PBT+PTFE GF BLACK | *Note | 350,000 | Yes |
| glass, oxide, chemicals | PA66+PPE GF RED | *Note | 105,750 | Yes |

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

Exemptions

None

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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

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