


MATERIAL DECLARATION



| | | | | |
|-----------------|-------------------|-----|----------|---|
| Material Number | MF-SM | | |  |
| Product Line | Multifuse | | | |
| Compliance Date | 2024/02/07 | | | |
| RoHS Compliant | Yes | MSL | 1 | |

| No. | Construction Element (subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|----------------------|--------------------------------|----------------------|---------------------|----------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1 | Plaque | Carbon Black | 0.0084 | Carbon Black | 1333-86-4 | 100.0 | 2.10% | 2.10% |
| 2 | Plaque | Foil | 0.0494 | Copper | 7440-50-8 | 100.0 | 12.38% | 12.38% |
| 3 | Plaque | Plating on foil | 0.0026 | Nickel | 7440-02-0 | 100.0 | 0.65% | 0.65% |
| 4 | plaque | Polymer | 0.0114 | Polyethylene Homopolymer | 9002-88-4 | 99.9 | 2.86% | 2.86% |
| | | | | Proprietary Additives | - | 0.1 | 0.00% | |
| 5 | Lead frame | Brass | 0.2820 | Copper | 7440-50-8 | 70.0 | 49.46% | 70.66% |
| | | | | Zinc | 7440-66-6 | 30.0 | 21.20% | |
| 6 | Lead frame | Plating | 0.0043 | Tin | 7440-31-5 | 77.0 | 0.83% | 1.08% |
| | | | | Nickel | 7440-02-0 | 23.0 | 0.25% | |
| 7 | Solder | Solder | 0.0410 | Tin | 7440-31-5 | 90.0 | 9.24% | 10.27% |
| | | | | Antimony | 7440-36-0 | 10.0 | 1.03% | |
| Total weight (grams) | | | 0.3991 | | | | | |

This Document was updated on Feb 7th, 2023

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.