


MATERIAL DECLARATION



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|-----------------|----------------------------------|---|
| Material Number | MF-FSML/X series |  |
| Product Line | Multifuse® PPTC Resettable Fuses | |
| Compliance Date | December 15, 2017 | |
| RoHS Compliant | Yes | |

| 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 | polyethylene | 0.0002252 | polyethylene | 9002-88-4 | 100 | 3.112 | 3.112 |
| 2 | Plaque | metal carbide | 0.0037940 | tungsten carbide | 12070-12-1 | 100 | 52.318 | 52.318 |
| 3 | Plaque | foil | 0.0006888 | copper | 7440-50-8 | 95 | 9.030 | 9.499 |
| | | | | nickel | 7440-02-0 | 5 | 0.469 | |
| 4 | Prepreg | epoxy | 0.0007986 | epoxy | 35948-25-5 | 65 | 7.198 | 11.012 |
| | | | | glass fiber | 65997-17-3 | 35 | 3.814 | |
| 5 | PCB foil | copper | 0.0007678 | copper | 7440-50-8 | 100 | 10.588 | 10.588 |
| 6 | Copper plating | copper | 0.0009564 | copper | 7440-50-8 | 100 | 13.189 | 13.189 |
| 7 | Solder plating | nickel under plate gold finish plate | 0.0000204 | nickel | 7440-02-0 | 98 | 0.279 | 0.285 |
| | | | | gold | 7440-57-5 | 2 | 0.006 | |
| | | Total weight | 0.0072516 | | | | | |

This Document was updated on: **December 27, 2018**

Important remarks:

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