

MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|-------------|-----|---|---|
| Material Number | SF-1206HH-R | | |  |
| Product Line | SMD Fuses | | | |
| Compliance Date | 2023/04/07 | | | |
| RoHS Compliant | Yes | MSL | 1 | |

| No. | Construction Element(subpart) | Homogeneous Material | Material weight [mg] | Homogeneous Material Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-----|-------------------------------|----------------------|----------------------|--------------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1 | Ceramic Substrate | Ceramic | 12.5789 | Aluminum oxide | 1344-28-1 | 96% | 77.19% | 80.41% |
| | | | | Quartz | 14808-60-7 | 4% | 3.22% | |
| 2 | Adhesive Layer | Epoxy | 0.0935 | Epoxy | 25068-38-6 | 82% | 0.49% | 0.60% |
| | | | | Trimethylolpropane triglycidyl ether | 30499-70-8 | 18% | 0.11% | |
| 3 | Fuse Element | Copper | 1.6598 | Copper | 7440-50-8 | 100% | 10.61% | 10.61% |
| 4 | Over-Coating (Black) | Epoxy | 0.4280 | Epoxy | 29690-82-2 | 100% | 2.74% | 2.74% |
| 5 | End Terminal | Nickel Chromium | 0.0134 | Nickel | 7440-02-0 | 80% | 0.07% | 0.09% |
| | | | | Chromium | 7440-47-3 | 20% | 0.02% | |
| 6 | Cu Plating | Copper | 0.6102 | Copper | 7440-50-8 | 100% | 3.90% | 3.90% |
| 7 | Ni Plating | Nickel | 0.1439 | Nickel | 7440-02-0 | 100% | 0.92% | 0.92% |
| 8 | Sn Plating | Tin | 0.1155 | Tin | 7440-31-5 | 100% | 0.74% | 0.74% |
| | | | Total Weight | 15.6432 | | | | |

This Document was updated on: 2023/10/23

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.