


MATERIAL DECLARATION SHEET



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|-----------------|--|-----|---|---|
| Material Number | SF-1206HI-M | | |  |
| Product Line | Lead Free Multilayer High Inrush Current Chip Fuse | | | |
| Compliance Date | 08/30/2017 | | | |
| 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 Body | Glass Ceramic | 11.5212 | Boron | 7440-42-8 | 7.39% | 6.1886% | 83.742% |
| | | | | Carbon | 7440-44-0 | 2.11% | 1.7670% | |
| | | | | Aluminum | 7429-90-5 | 18.65% | 15.6179% | |
| | | | | Silicon | 7440-21-3 | 15.24% | 12.7623% | |
| | | | | Potassium | 7440-09-7 | 0.53% | 0.4438% | |
| | | | | Oxygen | 7782-44-7 | 56.08% | 46.9625% | |
| 2 | Termination | Silver with Glass | 1.4333 | Silver | 7440-22-4 | 92.25% | 9.6482% | 10.418% |
| | | | | Oxygen | 7782-44-7 | 2.23% | 0.2214% | |
| | | | | Zinc | 7440-66-6 | 1.64% | 0.1633% | |
| | | | | Silicon | 7440-21-3 | 0.10% | 0.0096% | |
| | | | | Bismuth | 7440-69-9 | 3.78% | 0.3756% | |
| 3 | Fuse Link | Silver | 0.0941 | Silver | 7440-22-4 | 100% | 0.6841% | 0.684% |
| 4 | Plating | Nickel | 0.6057 | Nickel | 7440-02-0 | 100.00% | 1.9770% | 4.403% |
| | | Tin | | Tin | 7440-31-5 | 100.00% | 2.4257% | |
| 5 | Green Mark | Composite | 0.0077 | Oxygen | 7782-44-7 | 56.09% | 0.0315% | 0.056% |
| | | | | Aluminum | 7429-90-5 | 18.35% | 0.0103% | |
| | | | | Silicon | 7440-21-3 | 22.28% | 0.0125% | |
| | | | | Potassium | 7440-09-7 | 0.92% | 0.0005% | |
| | | | | Chromium III | 7440-47-3 | 2.36% | 0.0013% | |
| | | | | Boron | 7440-42-8 | 9.83% | 0.0685% | |

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|--|--|--|--------------|-----------|----------------|--------|---------|--|
| | | | | Carbon | 7440-44-0 | 1.81% | 0.0126% | |
| | | | | Aluminum | 7429-90-5 | 16.85% | 0.1174% | |
| | | | | Silicon | 7440-21-3 | 15.58% | 0.1086% | |
| | | | | Potassium | 7440-09-7 | 0.53% | 0.0037% | |
| | | | | Oxygen | 7782-44-7 | 55.40% | 0.3861% | |
| | | | Total weight | | 13.7579 | | | |

This Document was updated on: 8-30-17

Important remarks:

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