

# MATERIAL DATA SHEET



|              |                |                                                                                     |
|--------------|----------------|-------------------------------------------------------------------------------------|
| Material #   | <b>B1250T</b>  |  |
| Product Line | SMP 1.25A Fuse |                                                                                     |
| Date         | Jan 25, 2005   |                                                                                     |
| Rev., date   |                |                                                                                     |

| No.          | Construction element | Material group      | Material weight [g] | Materials                      | CAS if applicable | Average mass [%] | Sum [%] | Traces |
|--------------|----------------------|---------------------|---------------------|--------------------------------|-------------------|------------------|---------|--------|
| 1            | Ceramic              | Fuse tube           | 0.13                | Al <sub>2</sub> O <sub>3</sub> | 1344-28-1         | 96               | 100     |        |
|              |                      |                     |                     | Silicon dioxide                | 7631-86-9         | 2                |         |        |
|              |                      |                     |                     | Calcium oxide                  | 1305-78-8         | 2                |         |        |
| 2            | Solder               | Connection material | 0.043               | Sn                             | 7440-31-5         | 90               | 100     |        |
|              |                      |                     |                     | Sb                             | 7440-36-0         | 8                |         |        |
|              |                      |                     |                     | Cu                             | 7440-50-8         | 2                |         |        |
| 3            | Copper alloy         | Fuse element        | 0.0087              | Sn85/Cu15                      |                   | 82               | 100     |        |
|              |                      |                     |                     | Fiber                          |                   | 18               |         |        |
| 4            | Brass                | Fuse cap            | 0.1                 | Cu                             | 7440-50-8         | 65               | 100     |        |
|              |                      |                     |                     | Zn                             | 7440-66-6         | 35               |         |        |
|              | Ni plating           | Inner plate         | <0.0028             | Ni                             | 7440-02-0         | 100              | 100     |        |
|              | Sn plating           | Outer plate         | <0.0028             | Sn                             | 7440-31-5         | 100              | 100     |        |
| Total weight |                      |                     | 0.28                |                                |                   |                  |         |        |

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## Important remarks:

1. Traces are product parts substances etc. that are below a percentage of 0.1% of total weight.
2. All statement herein are based on our present knowledge.