


# MATERIAL DECLARATION



|                 |                   |       |  |
|-----------------|-------------------|-------|--|
| Model #         | 2047-XX-ALF       |       |  |
| Product Line    | GDT               |       |  |
| Compliance Date | August 30th, 2010 |       |  |
| RoHS Compliant  | Yes               | MSL 1 |  |

| No. | Construction Element(subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ Substances | CAS if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-----|-------------------------------|----------------------|---------------------|----------------------------------|-------------------|------------------|-----------------------------------|-------------------------------|
| 1   | Lateral Electrodes            | Copper Alloy         | 3.64                | Copper                           | 7440-50-8         | 100              | 55.82                             | 55.82                         |
| 2   | Substrate                     | Ceramic              | 2.75                | Alumina                          | 1344-28-1         | 95               | 40.06                             | 42.17                         |
|     |                               |                      |                     | Silicon Dioxide                  | 7631-86-9         | 5                | 2.11                              |                               |
| 3   | Filling Material              | CuSil                | 0.096               | Silver                           | 7440-22-4         | 72               | 1.05                              | 1.47                          |
|     |                               |                      |                     | Copper                           | 7440-50-8         | 28               | 0.42                              |                               |
| 4   | Plating                       | Tin                  | 0.035               | Tin                              | 7440-31-5         | 100              | 0.54                              | 0.54                          |
|     |                               | Total weight         | 6.521               |                                  |                   |                  |                                   |                               |

## Important remarks:

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