


# MATERIAL DECLARATION SHEET



|                 |                    |     |         |   |
|-----------------|--------------------|-----|---------|---|
| Material Number | CHF2525CNT500LW    |     |         |  |
| Product Line    | RF Power Resistors |     |         |   |
| Compliance Date | June 01 2005       |     |         |   |
| RoHS Compliant  | Yes                | MSL | Level 1 |   |

| 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   | Substrate                     | Ceramic              | 0.09175             | Aluminum Nitride                 | 24304-00-5          | 100              | 93.79                             | 93.79                         |
| 2   | Terminal                      | Conductor            | 0.00488             | Silver platinum                  | 7440-22-4           | 52               | 2.59                              | 4.99                          |
|     |                               |                      |                     | Nickel                           | 7440-02-0           | 27               | 1.34                              |                               |
|     |                               |                      |                     | Tin                              | 7440-31-5           | 21               | 1.04                              |                               |
| 3   | Resistor                      | Film                 | 0.00086             | Ruthenium dioxide                | 12036-10-1          | 58               | 0.51                              | 0.88                          |
|     |                               |                      |                     | Zinc oxide                       | 1314-13-2           | 42               | 0.37                              |                               |
| 4   | Overcoat                      | Epoxy                | 0.00033             | Epoxy                            | 25068-38-6          | 100              | 0.33                              | 0.33                          |
|     |                               |                      | Total weight        |                                  |                     | 0.09782          |                                   |                               |

**This Document was updated on:** September 28, 2007

**Important remarks:**

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