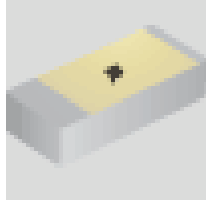


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|--------------------|-----|---------|---|
| Material Number | CHF2010CNP500LXE | | |  |
| 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 | 0.04257 | Aluminum Nitride | 24304-00-5 | 100 | 95.4 | 95.4 |
| 2 | Terminal Electrode | Conductor | 0.00149 | Silver/Platinum | 7440-22-4 / 7440-06-4 | 52 | 1.74 | 3.34 |
| | | | | Nickel | 7440-02-0 | 27 | 0.90 | |
| | | | | Gold | 7440-57-5 | 21 | 0.70 | |
| 3 | Resistor | Resistive Film | 0.0004 | Ruthenium dioxide | 12036-10-1 | 58 | 0.52 | 0.9 |
| | | | | Zinc Oxide | 1314-13-2 | 42 | 0.38 | |
| 4 | Overcoat | Epoxy | 0.00016 | Epoxy resin | 25068-38-6 | 100 | 0.36 | 0.36 |
| | | | Total weight | 0.04462 | | | | |

This Document was updated on:

Important remarks:

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