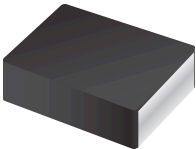


# MATERIAL DECLARATION SHEET



|                 |                     |     |   |   |
|-----------------|---------------------|-----|---|---|
| Material Number | SRP2512A Series     |     |   |  |
| Product Line    | Power Chip Inductor |     |   |   |
| Compliance Date | 2016/11/23          |     |   |   |
| 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   | Wire                          | Wire                 | 9.8368               | Copper                           | 7440-50-8           | 100              | 28.94                             | 28.94                         |
| 2   | Core                          | Core                 | 22.9977              | Iron                             | 7439-89-6           | 96.78            | 67.66                             | 67.66                         |
|     |                               |                      | 0.7648               | Epoxy                            | Proprietary         | 3.22             | 2.25                              | 2.25                          |
| 3   | Overcoat                      | Overcoat             | 0.289                | Epoxy                            | Proprietary         | 100              | 0.85                              | 0.85                          |
| 4   | Terminations                  | Terminations         | 0.0339               | Copper                           | 7440-50-8           | 100              | 0.1                               | 0.1                           |
| 5   | External electrode_Ni         | Nickel               | 0.0373               | Nickel                           | 7440-02-0           | 100              | 0.11                              | 0.11                          |
| 6   | External electrode_Sn         | Tin                  | 0.0305               | Tin                              | 7440-31-5           | 100              | 0.09                              | 0.09                          |
|     |                               |                      | Total weight         | <b>33.99</b>                     |                     |                  |                                   |                               |

This Document was updated on: **2016/11/23**

**Important remarks:**

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