


MATERIAL DECLARATION SHEET

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|-----------------|---|-----|---------|---|
| Material Number | SRP1265A-Series-Non lead frame type R15-R56 | | |  |
| Product Line | Power Inductor | | | |
| Compliance Date | 2021/01/15 | | | |
| 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 | Carbonyl body | Carbonyl Powder | 4.86 | Iron | 7439-89-6 | 98.192 | 79.536 | 81.00 |
| | | | | Carbon | 7440-44-0 | 0.904 | 0.732 | |
| | | | | Nitrogen | 7727-37-9 | 0.904 | 0.732 | |
| 2 | Copper/ Coating | Copper Wire | 0.72 | Copper | 7440-50-8 | 100.000 | 12.000 | 15.00 |
| | | Copper Colored Coating On The Magnet Wire | 0.18 | Polyamideimide Resin | 63428-84-2 | 100.000 | 3.000 | |
| 3 | Solder | Lead-Free Solder Bar | 0.06 | Tin | 7440-31-5 | 99.300 | 0.993 | 1.00 |
| | | | | Copper | 7440-50-8 | 0.700 | 0.007 | |
| 4 | Body-Coating | Environmental epoxy Resin(grey) | 0.12 | Epoxy resin | 24969-06-0 | 73.000 | 1.460 | 2.00 |
| | | | | Titanium dioxide | 13463-67-7 | 1.000 | 0.020 | |
| | | | | Calcium carbonate | 471-34-1 | 15.000 | 0.300 | |
| | | | | Polyamide | 63428-84-2 | 11.000 | 0.220 | |
| 5 | Marking | Hitachi IJ Printer INK | 0.06 | Chrome III-Complex Dye | 117527-94-3 | 100.000 | 1.000 | 1.00 |
| Total weight | | | 6.00 | | | | | |

This Document was updated on: 2021/01/15

Important remarks:

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