


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|------------------|-----|---------|---|
| Material Number | SRP3020TA SERIES | | |  |
| Product Line | Power Inductor | | | |
| Compliance Date | 2017/07/04 | | | |
| 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 | 0.0702 | Iron | 7439-89-6 | 97.800 | 73.350 | 75.00 |
| | | | | Carbon | 7440-44-0 | 0.900 | 0.675 | |
| | | | | Nitrogen | 7727-37-9 | 0.900 | 0.675 | |
| | | | | Oxygen | 7782-44-7 | 0.400 | 0.300 | |
| 2 | Copper/ Coating | Copper Wire | 0.01404 | Copper | 7440-50-8 | 100.000 | 15.000 | 16.00 |
| | | Copper Colored Coating On The Magnet Wire_AIW | 0.000936 | Polyamideimide Resin | 63428-84-2 | 100.000 | 1.000 | |
| 3 | Terminal-Clip | Copper_C1100 | 0.0059904 | Copper | 7440-50-8 | 92.000 | 5.888 | 6.40 |
| | | Nickel plating | | Nickel | 7440-02-0 | 2.000 | 0.128 | |
| | | Lead Free Solder | | Tin | 7440-31-5 | 6.000 | 0.384 | |
| 4 | Body-Coating | Gray liquid_PL-488 | 0.00234 | Acrylic resin | 9003-01-4 | 60.667 | 1.517 | 2.50 |
| | | | | Titanium dioxide | 1317-80-2 | 27.778 | 0.694 | |
| | | | | Aluminum | 7429-90-5 | 5.555 | 0.139 | |
| 5 | Marking | Hitachi IJ Printer INK | 0.0000936 | Misc, not to declare | N/A | 1.0 | 0.001 | 0.10 |
| | | | | Carbon black | 1333-86-4 | 99.0 | 0.099 | |
| Total weight | | | 0.0936 | | | | | |

This Document was updated on: 2017/07/04