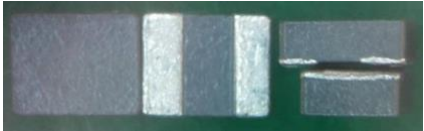


MATERIAL DECLARATION

| | | | | |
|-----------------|-------------------|-----|---------|--|
| Material Number | SRP2012TMA Series | | |  |
| Product Line | Power Inductor | | | |
| Compliance Date | 2021/05/27 | | | |
| 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 | Alloy Body | Alloy Powder | 0.0146806 | Iron | 7439-89-6 | 63.100 | 42.107 | 66.73 |
| | | | | Nickel | 7440-02-0 | 34.900 | 23.289 | |
| | | | | Chromium | 7440-47-3 | 1.990 | 1.328 | |
| | | | | Silicon | 7440-21-3 | 0.010 | 0.007 | |
| 2 | Enameled wire | Metal wire_SFT-AIW/SB | 0.0066 | Copper | 7440-50-8 | 94.950 | 28.485 | 30.00 |
| | | Coating on metal wire_SFT-AIW/SB | | Polyamideimide Resin | 63428-84-2 | 5.000 | 1.500 | |
| | | | | Self-bonding enamel | - | 0.050 | 0.015 | |
| 3 | Terminal | Silver paste_DP4303W | 0.000374 | Silver | 7440-22-4 | 73.700 | 1.253 | 1.70 |
| | | | | Silicon dioxide | 60676-86-0 | 15.800 | 0.269 | |
| | | | | Resins | 9004-57-3 | 10.500 | 0.179 | |
| 4 | Solder Base | S Nickel Pellets | 0.0000792 | Nickel | 7440-02-0 | 100.000 | 0.360 | 0.36 |
| 5 | Solder | Lead Free Solder | 0.0000792 | Tin | 7440-31-5 | 100.000 | 0.360 | 0.36 |
| 6 | Exterior Resin | #7027 INK | 0.000187 | Polymer with(chloromethyl)oxirane | 25068-38-6 | 42.308 | 0.360 | 0.85 |
| | | | | Resin | 9003-08-1 | 11.538 | 0.098 | |
| | | | | Pigment | - | 46.154 | 0.392 | |
| Total weight | | | 0.022 | | | | | |

This Document was updated on: 2021/05/27

Important remarks:

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