

MATERIAL DECLARATION SHEET



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|-----------------|-----------------------------|-----|---|--|
| Material Number | SRP6530A Series (R22~100) | | | |
| Product Line | Shielded SMD Power Inductor | | | |
| Compliance Date | 2020/06/10 | | | |
| RoHS Compliant | YES | MSL | 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 | Core | Alloy powder | 0.5 | Iron | 7439-89-6 | 92.00 | 61.33331 | 66.67 |
| | | | | Silicon | 7440-21-3 | 3.50 | 2.33333 | |
| | | | | Chromium | 7440-47-3 | 4.50 | 3.00000 | |
| 2 | Wire | KS22 | 0.1719 0.00387 0.00423 | Copper | 7440-50-8 | 95.5 | 22.92000 | 24.00 |
| | | | | Polyamide-imide | 31957-38-7 | 2.15 | 0.51600 | |
| | | | | Polyamide | 63428-83-1 | 2.35 | 0.56400 | |
| 3 | Adhesive | 203 | 0.01 | PF resin | 9003-35-4 | 100.00 | 1.33 | 1.33 |
| 4 | Base | C1100 | 0.058 | Copper | 7440-50-8 | 95.00 | 7.34667 | 7.73 |
| | | Plating | | Nickel | 7440-02-0 | 1.50 | 0.11600 | |
| | | | | Tin | 7440-31-5 | 3.50 | 0.27067 | |
| 5 | Ink | MB247 | 0.002 | Chromate ink | 17084-13-8 | 99.9 | 0.26973 | 0.27 |
| | | | | Resin | 128-37-0 | 0.01 | 0.00027 | |
| | | Total weight | 0.75 | | | | | |

This Document was updated on: 2020/06/10

Important remarks:

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BOURNS®

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