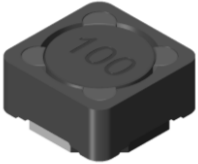


MATERIAL DECLARATION



| | | | | |
|-----------------|-----------------------------|-----|---|---|
| Material Number | SRR1260 Series | | |  |
| Product Line | Shielded SMD Power Inductor | | | |
| Compliance Date | 2016/11/17 | | | |
| 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 | Ferrite Material | Ferrite Core | 2.390 | Iron oxide | 1309-37-1 | 52.0 | 34.096 | 65.57 |
| | | | | Zinc oxide | 1314-13-2 | 15.0 | 9.835 | |
| | | | | Cupric oxide | 1317-38-0 | 17.0 | 11.147 | |
| | | | | Nickel oxide | 1313-99-1 | 16.0 | 10.491 | |
| 2 | Winding Wire | Copper Wire | 0.850 | Copper | 7440-50-8 | 95.0 | 22.154 | 23.32 |
| | | | | Modified Polyester Resin | 9009-54-5 | 5.0 | 1.166 | |
| 3 | Base | LCP | 0.200 | Aromatic polyester resin | 60088-52-0 | 65.0 | 3.567 | 5.49 |
| | | | | Glass fiber | 65997-17-3 | 34.0 | 1.866 | |
| | | | | Carbon Black | 1333-86-4 | 1.0 | 0.055 | |
| | | Copper | 0.060 | Copper | 7440-50-8 | 93.6 | 1.541 | 1.65 |
| | | | | Tin | 7440-31-5 | 6.2 | 0.102 | |
| | | | | Phosphorus | 7723-14-0 | 0.2 | 0.003 | |
| | | Plating | 0.005 | Tin | 7440-31-5 | 80.0 | 0.110 | 0.14 |
| Nickel | 7440-02-0 | | | 20.0 | 0.027 | | | |
| 4 | Adhesive | Resin | 0.025 | Bisphenol A Epoxy Resin | 25068-38-6 | 68.0 | 0.467 | 0.69 |
| | | | | Carbon black | 1333-86-4 | 5.0 | 0.034 | |
| | | | | Silicon dioxide | 7631-86-9 | 27.0 | 0.185 | |
| 5 | Adhesive | Resin | 0.100 | Bisphenol A Epoxy Resin | 25068-38-6 | 73.0 | 2.002 | 2.74 |
| | | | | Color | 1333-86-4 | 5.0 | 0.137 | |

MATERIAL DECLARATION



| | | | | | | | | |
|---|--------|--------------|-------|--|------------|-------|--------|------|
| | | | | Filler | 21645-51-2 | 22.0 | 0.604 | |
| 6 | Tape | Tape | 0.001 | Poly(isophthaloyl-chlorid e-metaphenylene-diamine) | 25765-47-3 | 35.0 | 0.010 | 0.03 |
| | | | | Acrylic adhesive, Flame retardant | - | 61.3 | 0.017 | |
| | | | | Antimony trioxide | 1309-64-4 | 3.5 | 0.001 | |
| | | | | N,N-Dimethylacetamide | 127-19-5 | 0.2 | 0.0001 | |
| 7 | Solder | Tin | 0.014 | Tin (Sn) | 7440-31-5 | 100.0 | 0.384 | 0.38 |
| | | Total weight | 3.645 | | | | | |

This Document was updated on: 2016/11/17

Important remarks:

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