


MATERIAL DECLARATION



| | | | | |
|-----------------|--------------------|-----|---|---|
| Material Number | SDR0703-series | | |  |
| Product Line | SMD POWER INDUCTOR | | | |
| Compliance Date | 2009.05.31 | | | |
| RoHS Compliant | YES | MSL | 1 | |

| No. | Construction Element(subpart) | Homogeneous Material | Material weight [mg] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-----|-------------------------------|----------------------|----------------------|--|---------------------|------------------|-----------------------------------|-------------------------------|
| 1 | Ferrite Material | F4D | 150 | Iron oxide (Fe ₂ O ₃) | 1309-37-1 | 60 | 43.86 | 73.1 |
| | | | | Nickel oxide (NiO) | 1313-99-1 | 10 | 7.31 | |
| | | | | Zinc oxide (ZnO) | 1314-13-2 | 20 | 14.62 | |
| | | | | Copper oxide(CuO) | 1317-38-0 | 10 | 7.31 | |
| 2 | Winding Wire | 2-SFBW | 47 | Copper (Cu) | 7440-50-8 | 95 | 22 | 23 |
| | | | | Polyester Resin | N/A | 5 | 1 | |
| 3 | Terminal | Lead free-solder | 3 | Tin (Sn) | 7440-31-5 | 97 | 1.42 | 1.46 |
| | | | | Silver (Ag) | 7440-22-4 | 3 | 0.04 | |
| 4 | Adhesive | 6020H-6-3 | 5 | Bisphenol A Epoxy Resin | 25068-38-6 | 63 | 1.5372 | 2.44 |
| | | | | Alkyl glycidyl ether | 68609-97-2 | 3 | 0.0732 | |
| | | | | Methyl imidazole | 693-98-1 | 5 | 0.122 | |
| | | | | Carbon black | 1333-86-4 | 3 | 0.0732 | |
| | | | | Silicon dioxide | 7631-86-9 | 26 | 0.6344 | |
| | | Total weight | 205 | | | | | |

This Document was updated on: 11-1-2010

Important remarks:

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