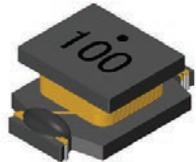


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|--------------------|-----|---|---|
| Material Number | SDR0703 Series | | |  |
| Product Line | SMD Power Inductor | | | |
| Compliance Date | 2016/02/03 | | | |
| 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 | F4D | 0.155 | Iron oxide | 1309-37-1 | 60.0 | 46.50 | 77.5 |
| | | | | Zinc oxide | 1314-13-2 | 20.0 | 15.50 | |
| | | | | Cupric oxide | 1317-38-0 | 10.0 | 7.75 | |
| | | | | Nickel oxide | 1313-99-1 | 10.0 | 7.75 | |
| 2 | Winding Wire | 2-SFBW | 0.033 | Copper | 7440-50-8 | 95.0 | 15.68 | 16.50 |
| | | | | Polyester Resin | 68400-69-9 | 5.0 | 0.83 | |
| 3 | Adhesive | 6020H-6-QR-NH | 0.006 | Bisphenol A Epoxy Resin | 25068-38-6 | 58.0 | 1.74 | 3.00 |
| | | | | 2-Methylimidazole | 693-98-1 | 15.0 | 0.45 | |
| | | | | Carbon black | 1333-86-4 | 5.0 | 0.15 | |
| | | | | Silicon dioxide | 7631-86-9 | 22.0 | 0.66 | |
| 4 | Solder | 0505H | 0.004 | Tin | 7440-31-5 | 99.0 | 1.98 | 2.00 |
| | | | | Silver | 7440-22-4 | 0.5 | 0.01 | |
| | | | | Copper | 7440-50-8 | 0.5 | 0.01 | |

MATERIAL DECLARATION SHEET



| | | | | | | | | |
|---|-------------|----------------------|------------|------------------------------------|------------|------|------|------|
| 5 | Marking Ink | Marking ink Black | 0.002 | Cyclic isoprene modified phenol | 68441-13-4 | 13.0 | 0.13 | 1.00 |
| | | | | Phenolic modified rosin | 68152-70-5 | 23.0 | 0.23 | |
| | | | | Carbon black | 1333-86-4 | 47.0 | 0.47 | |
| | | | | C.I.Pigment Blue 15 : 3 | 147-14-8 | 10.0 | 0.10 | |
| | | | | C.I.Pigment Red 48 : 3 | 15782-05-5 | 7.0 | 0.07 | |
| | | Total weight | 0.2 | | | | | |

This Document was updated on: 2016/02/03

Important remarks:

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