

MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|---------------------|-----|---|--|
| Material Number | SDE6603 Series | | | |
| Product Line | SMD POWER INDUCTORS | | | |
| Compliance Date | 2009/12/12 | | | |
| RoHS Compliant | YES | MSL | 2 | |

| 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 | Ferrite | 0.065 | Iron oxide | 1309-37-1 | 49 | 0.031 | 43.62 |
| | | | | Zinc oxide | 1314-13-2 | 14 | 0.0091 | |
| | | | | Copper oxide | 1317-38-0 | 15 | 0.00975 | |
| | | | | Manganese oxide | 1317-35-7 | 16 | 0.0104 | |
| 2 | WIRE | UEW | 0.026 | Copper | 7440-50-8 | 95 | 0.0247 | 17.44 |
| | | | | Polyester Resin | 68604-67-1 | 5 | 0.0013 | |
| 3 | EPOXY | 6020H-6 | 0.013 | Bisphenol A epoxy resin | 25068-38-6 | 63 | 0.00819 | 8.72 |
| | | | | Alkyd glycidyl ether | 68609-97-2 | 3 | 0.00039 | |
| | | | | Methyl imidazole | 693-98-1 | 5 | 0.00065 | |
| | | | | Carbon black (C) | 1333-86-4 | 3 | 0.00039 | |
| | | | | Silica amorphous (SiO2) | 7631-86-9 | 26 | 0.00338 | |
| 4 | BASE | RC-2516A | 0.041 | Aluminum oxide | 1344-28-1 | 92 | 0.0377 | 27.51 |
| | | | | Silver | 7440-22-4 | 6.6 | 0.0027 | |
| | | | | Nickel | 7440-02-0 | 1.3 | 0.00053 | |
| | | | | Gold | 7440-57-5 | 0.1 | 0.00004 | |
| | | Total weight | 0.149 | | | | | |

This Document was updated on: 2009/09/18

MATERIAL DECLARATION SHEET



Important remarks:

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