

MATERIAL DECLARATION SHEET



| | | | |
|------------------------|-------------------------------|-----|---------|
| Material Number | MG2029, MU2029, MZ2029 Series | | |
| Product Line | Ferrite Chip Beads | | |
| Compliance Date | June 1, 2003 | | |
| RoHS Compliant | Yes | MSL | Level 1 |



| No. | Construction Element (subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Subpart mass of total wt. (%) | Material Mass % of total unit wt. |
|-----|--------------------------------|----------------------|---------------------|----------------------------------|---------------------|------------------|-------------------------------|-----------------------------------|
| 1 | Ferrite body | Ferrite Ni-Zn Series | 0.0081175 | Iron oxide | 1309-37-1 | 62 | 52.7 | 85 |
| | | | | Nickel oxide | 1313-99-1 | 11 | 9.35 | |
| | | | | Zinc oxide | 1314-13-2 | 20 | 17 | |
| | | | | Copper oxide | 1317-38-0 | 7 | 5.95 | |
| 2 | Internal circuit | Silver | 0.000955 | Silver | 7440-22-4 | 100 | 10 | 10 |
| 3 | Terminal | Silver | 0.0002865 | Silver | 7440-22-4 | 100 | 3 | 3 |
| 4 | Solder Base | Nickel | 0.0000955 | Nickel | 7440-02-0 | 100 | 1 | 1 |
| 5 | Solder | Lead Free Solder | 0.0000955 | Tin | 7440-31-5 | 100 | 1 | 1 |
| | | Total weight | 0.00955 | | | | | |

This Document was updated on: August 18, 2011

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.