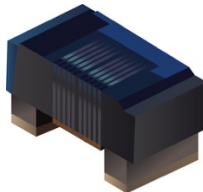


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|-----------------|-----|---------|---|
| Material Number | CWF1612A Series | | |  |
| Product Line | Chip Inductor | | | |
| Compliance Date | 2023/06/29 | | | |
| RoHS Compliant | Yes | MSL | Level 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 body | Ferrite Ni-Zn Series | 0.004712 | Iron oxide | 1309-37-1 | 62.000 | 47.120 | 76.00 |
| | | | | Nickel oxide | 1313-99-1 | 11.000 | 8.360 | |
| | | | | Zinc oxide | 1314-13-2 | 20.000 | 15.200 | |
| | | | | Copper oxide | 1317-38-0 | 7.000 | 5.320 | |
| 2 | Copper/ Coating | Copper Wire | 0.000899248 | Copper | 7440-50-8 | 100.000 | 14.504 | 15.00 |
| | | ELEKTRISOLA POLYURETHANE-BASED INSULATION VARNISH_P180 | 0.000030752 | Polyurethane Resin | 26680-22-8 | 100.000 | 0.496 | |
| 3 | Terminal | Silver paste_DP4303W | 0.000186 | Silver | 7440-22-4 | 73.700 | 2.211 | 3.00 |
| | | | | Silicon dioxide | 60676-86-0 | 15.800 | 0.474 | |
| | | | | Resins | 9004-57-3 | 10.500 | 0.315 | |
| 4 | Solder Base | S Nickel Pellets | 0.000062 | Nickel | 7440-02-0 | 100.000 | 1.000 | 1.00 |
| 5 | Solder | Lead Free Solder | 0.000062 | Tin | 7440-31-5 | 100.000 | 1.000 | 1.00 |
| 6 | Back Membrane | UV Adhesive | 0.000248 | TRIPROPYLENE GLYCOL DIACRYLATE | 42978-66-5 | 95.000 | 3.800 | 4.00 |
| | | | | HYDROXY CYCLOHEXYL PHENYL KETONE | 947-19-3 | 5.000 | 0.200 | |
| Total weight | | | 0.0062 | | | | | |

This Document was updated on: 2023/06/29

Important remarks:

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