


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|---------------|-----|---|---|
| Material Number | CRT 0805-ST | | |  |
| Product Line | CRT-ST Series | | | |
| Compliance Date | 2017/5/25 | | | |
| 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 | Substrate | Ceramics | 4.49 | Aluminum oxide | 1344-28-1 | 96 | 91.5700 | 95.3854 |
| | | | | Silicon dioxide | 14808-60-7 | 3 | 2.8616 | |
| | | | | Magnesium oxide | 1309-48-4 | 1 | 0.9539 | |
| 2 | Backside Electrode | Conductor | 0.0538 | Silver | 7440-22-4 | 85 | 0.9715 | 1.1429 |
| | | | | Copper oxide | 1317-38-0 | 15 | 0.1714 | |
| 3 | Upside Electrode | Conductor | 0.0538 | Silver | 7440-22-4 | 85 | 0.9539 | 1.1429 |
| | | | | Copper oxide | 1317-38-0 | 15 | 0.1714 | |
| 4 | Overcoat | Epoxy Resin | 0.0433 | Resins | Trade secret | 40 | 0.3682 | 0.9205 |
| | | | | Carbon Black | 1333-86-4 | 3.4 | 0.0313 | |
| | | | | Silicon dioxide | 60676-86-0 | 22.6 | 0.2080 | |
| | | | | Talc | 14807-96-6 | 11.4 | 0.1049 | |
| | | | | Additives | Trade secret | 22.6 | 0.2080 | |
| 5 | Marking | Ink | 0.0237 | Synthetic resin | 9004-57-3 | 80 | 0.4036 | 0.5045 |
| | | | | Titanium dioxide | 13463-67-7 | 20 | 0.1009 | |
| 6 | Nickel Plating | Nickel | 0.0127 | Nickel | 7440-02-0 | 100 | 0.2702 | 0.2703 |
| 7 | Tin Plating | Tin | 0.0298 | Tin | 7440-31-5 | 100 | 0.6335 | 0.6335 |
| 8 | Edge Electrode | Nickel-Chromium | Proprietary | Nickel | 7440-02-0 | Proprietary | Proprietary | Proprietary |
| | | | | Chromium | 7440-47-3 | | | |
| 9 | Resistor Layer | Nickel-Chromium | Proprietary | Nickel | 7440-02-0 | Proprietary | Proprietary | Proprietary |
| | | | | Chromium | 7440-47-3 | | | |
| | | | Total weight | 4.7071 | | | | |

This Document was updated on: 2017/5/25

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