# MATERIAL DECLARATION SHEET

BOURNS®

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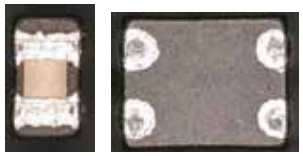
|---|---|---|---|
| Material Number | CCF1206 SERIES | | |
| Product Line | **Multilayer Common Filter** | | |
| Compliance Date | 2025/5/7 | | |
| RoHS Compliant | Yes | MSL | 1 |



| 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 | Ceramic body | Ferrite Powder | 2.281620 | Nickel Zinc Ferrite | 12645-50-0 | 57.7 | 47.1% | 81.7 |
| | | | 0.094903 | Copper Zinc Ferrite | 228402-49-1 | 2.4 | 2.0% | |
| | | | 1.293050 | Iron Oxide | 1309-37-1 | 32.7 | 26.716% | |
| | | | 0.284708 | Polyvinyl Alcohol | 9002-89-5 | 7.2 | 5.9% | |
| | | Ceramic Powder | 0.405786 | Barium zirconate | 12009-21-1 | 64 | 8.4% | 13.1 |
| | | | 0.076085 | calcium silicate | 1344-95-2 | 12 | 1.6% | |
| | | | 0.076085 | Magnesium silicate | 1343-88-0 | 12 | 1.6% | |
| | | | 0.076085 | Zinc oxide | 1314-13-2 | 12 | 1.6% | |
| | | Internal Electrode | 0.101640 | Silver | 7440-22-4 | 100 | 2.1% | 2.1 |
| | | External Electrode | 0.135520 | Silver | 7440-22-4 | 100 | 2.8% | 2.8 |
| 2 | Termination | Plating | 0.004840 | Nickel | 7440-02-0 | 100 | 0.100% | 0.1 |
| 3 | External electrode | Solder | 0.009680 | Tin | 7440-31-5 | 100 | 0.2% | 0.2 |
| | | Total weight | **4.840** | | | | | |

**This Document was updated on: 2025/5/7**

**Important remarks:**

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



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