


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|-------------------|-----|---|---|
| Material Number | CM13092CT-412 | | |  |
| Product Line | COMMON MODE CHOKE | | | |
| Compliance Date | 15-Aug-24 | | | |
| RoHS Compliant | Comply RoHS | 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 | BOBBIN | PF-PM9630 | 230 | Phenol, polymer with formaldehyde | 9003-35-4 | 50.00 | 3.639 | 7.278 |
| | | | | GF-Fiber | 65997-17-3 | 45.00 | 3.275 | |
| | | | | Kaolin, calcined | 92704-41-1 | 3.00 | 0.218 | |
| | | | | Fatty acids, tallow, hydrogenated | 61790-38-3 | 1.00 | 0.073 | |
| | | | | Zinc stearate | 557-05-1 | 0.50 | 0.036 | |
| | | | | Carbon black | 1333-86-4 | 0.40 | 0.029 | |
| | | | | Others, not to declare | system | 0.10 | 0.007 | |
| 2 | PIN | CP | 190 | Copper | 7440-50-8 | 13.40 | 0.806 | 6.013 |
| | | | | Tin | 7440-31-5 | 3.50 | 0.210 | |
| | | | | Iron | 7439-89-6 | 83.00 | 4.991 | |
| | | | | other, not to declare | - | 0.10 | 0.006 | |
| | | Plating Tin | 6 | Tin | 7440-31-5 | 99.90 | 0.190 | 0.190 |
| | | | | Others, not to declare | system | 0.10 | 0.000 | |
| | | Plating Ni | 4 | Nickel | 7440-02-0 | 99.90 | 0.127 | 0.127 |
| Others, not to declare | system | | | 0.10 | 0.000 | | | |
| 3 | SOLDER | Tin | 20 | Tin | 7440-31-5 | 99.22 | 0.628 | 0.633 |
| | | | | Copper | 7440-50-8 | 0.70 | 0.004 | |
| | | | | Miscellaneous | system | 0.08 | 0.001 | |

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|-----|-------------------------------|----------------------|----------------------|----------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 4 | BASE | FR-4 | 40 | Glass Fiber | 65997-17-3 | 55.00 | 0.696 | 1.266 |
| | | | | Epoxy Resin | 26265-08-7 | 43.00 | 0.544 | |
| | | | | others, not to declare | system | 2.00 | 0.026 | |
| 5 | GLUE | Epoxy Resin | 80 | Epoxy Resin | 25068-38-6 | 56.00 | 1.418 | 2.532 |
| | | | | Silica | 14464-46-1 | 10.00 | 0.254 | |
| | | | | Polyamine | 64754-98-9 | 33.00 | 0.835 | |
| | | | | Silicone Oil | 63148-62-9 | 1.00 | 0.025 | |
| 6 | CORE | MnZn-Ferrite | 1440 | Iron manganese zinc oxide | 12645-49-7 | 99.80 | 45.478 | 45.570 |
| | | | | others, not to declare | system | 0.20 | 0.091 | |
| | | EP Coating | 130 | Epoxy Resin | 61788-97-4 | 50.00 | 2.057 | 4.114 |
| | | | | C.I. Pigment Blue | 147-14-8 | 10.00 | 0.412 | |
| | | | | Silicon dioxide | 60676-86-0 | 15.00 | 0.617 | |
| | | | | Calcium carbonate | 471-34-1 | 25.00 | 1.028 | |
| 7 | WIRE | C1100 | 990 | Copper | 7440-50-8 | 99.90 | 31.298 | 31.329 |
| | | | | Miscellaneous | system | 0.10 | 0.031 | |
| | | PUR | 30 | Polyurethane Resin | 9009-54-5 | 99.90 | 0.948 | 0.949 |
| | | | | others, not to declare | system | 0.10 | 0.001 | |
| | | Total weight | 3160 mg | | | | | |

This Document was updated on: **15-Aug-2024**

Important remarks:

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