

Ingredient list

TDK CORPORATION

Section;Ceramic Capacitor Business

Quality Assurance Dept.

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| | |
|------------------|-----------------------------------|
| Product Name | Multilayer Ceramic Chip Capacitor |
| TDK Part No. | C2012X7R-Soft Term Series |
| Custmer Part No. | |
| Sample Weight | 17.80 [mg] |

| No. | Substance Name | CAS No. | Contents [mg] | Use Location | Remark |
|-----|----------------|------------|---------------|----------------------|--------|
| 1 | BaTiO3 | 12047-27-7 | 13.427 | Dielectric | |
| 2 | Y2O3 | 1314-36-9 | 0.204 | Dielectric | |
| 3 | Other | — | 0.092 | Dielectric | |
| 4 | Ni | 7440-02-0 | 1.832 | Inner Electrode | |
| 5 | Cu | 7440-50-8 | 1.040 | Terminal Electrode-1 | |
| 6 | Ag | 7440-22-4 | 1.114 | Terminal Electrode-2 | |
| 7 | Resin | - | 0.079 | Terminal Electrode-2 | |
| 8 | Ni | 7440-02-0 | 0.006 | Electro-plating | |
| 9 | Sn | 7440-31-5 | 0.006 | Electro-plating | |
| | Total | | 17.800 | | |

Multilayer ceramic chip capacitor is already RoHS Free.

Rev.

| No | Date | Contents | Reason | Approved | Name |
|----|------|----------|--------|----------|------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |