



CZECH REPUBLIC S.R.O.

A KYOCERA GROUP COMPANY

TAJ Series

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Case size

D

| MATERIALS | CONSTITUENT | PURPOSE | CAS | mg | % |
|------------------|-------------------------------------|---------------------|------------------------|---------|--------|
| | capacitor (mg) | | | 290 | 100 |
| ANODE BODY | anode body | | | 174,719 | 60,25% |
| | tantalum + tantalum(V) oxide | Anode | 7440-25-7 1314-61-0 | 144,300 | 49,76% |
| | tantalum wire | Internal connection | 7440-25-7 | 2,465 | 0,85% |
| | manganese(II) oxide | Cathode | 1313-13-9 | 27,273 | 9,40% |
| | graphite | Barrier | 7782-42-5 | 0,635 | 0,22% |
| | polymethylhydrogen siloxane | Moisture barrier | 63148-62-9 | 0,029 | 0,01% |
| | green teflon | Wire protection | 9002-84-0 | 0,017 | 0,01% |
| SILVER LAYER | silver layer | Internal connection | | 3,887 | 1,34% |
| | silver particles | | 7440-22-4 | 3,685 | 1,27% |
| | bisphenol A-(epichlorhydrine) resin | | 25068-38-6 | 0,202 | 0,07% |
| SILVER PASTE | silver paste | Internal connection | | 1,158 | 0,40% |
| | silver particles | | 7440-22-4 | 0,998 | 0,34% |
| | epoxy resin, Bis-F | | 68610-73-1 | 0,160 | 0,06% |
| MOULDING MASS | moulding mass | Case | | 86,810 | 29,93% |
| | epoxy resin | | 129915-35-1 | 26,043 | 8,98% |
| | silica fused | | 60676-86-0 | 60,767 | 20,95% |
| TERMINATION-NILO | Base material | Termination | | 22,632 | 7,80% |
| | nickel | | 7440-02-0 | 9,506 | 3,28% |
| | iron | | 7439-89-6 | 13,127 | 4,53% |
| | Plating | Termination finish | | 0,793 | 0,27% |
| | tin | | 7440-31-5 | 0,760 | 0,26% |
| | nickel | Barrier | 7440-02-0 | 0,016 | 0,01% |
| | silver | Barrier | 7440-22-4 | 0,016 | 0,01% |