

Ceramic Disc Capacitors

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50V, 100V, 500V, 1KV, 2KV TEMPERATURE COMPENSATING CERAMIC DISC CAPACITOR

Manufacturing capacity list Cap. Value vs. Rate voltage, product diameter & type

Photo:



| T.C | SL (CLASS , Temperature:+20 ~+85 , T.C.C.: +350 ~ -1000ppm) | | | | | | | | | | | | | | | | | | | | |
|--------------|---|-----|-------------------------------|---|--------------------------|--------------|------------------|------------------------|----------------------------------|--|-----|-----|--------|-----|-----|--------|-----|-----|-----|-------|------|
| Rate voltage | 50V | | | | | | | 500V | | | | | 1KV | | | 2KV | | | | | |
| D | 040 | 050 | 060 | 070 | 080 | 090 | 100 | 040 | 050 | 060 | 070 | 090 | 100 | 050 | 060 | 100 | 060 | 070 | 080 | 100 | 120 |
| D max. (mm) | 4.5 | 5.5 | 6.5 | 7.5 | 8.5 | 9.5 | 10.5 | 4.5 | 5.5 | 6.5 | 7.5 | 9.5 | 10.5 | 6.0 | 7.0 | 11.0 | 7.5 | 8.5 | 9.5 | 11.5 | 13.5 |
| T max. (mm) | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 0.5 | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | |
| 8 | 080 | | | | | | | 080 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | 560 | | | | | | | | | | | | | |
| 68 | | | | | | | | | 680 | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | |
| 100 | 101 | | | | | | | | 101 | | | | | | | | | | | | |
| 120 | | 121 | | | | | | | | | | | | | | | | | | | |
| 150 | | 151 | | | | | | | | | | | | | | | | | | | |
| 180 | | | 181 | | | | | | | | | | | | | | | | | | |
| 200 | | | | 200 | | | | | | | | | | | | | | | | | |
| 220 | | | 221 | | | | | | | | | | | | | | | | | | |
| 240 | | | | 241 | | | | | | | | | | | | | | | | | |
| 270 | | | | | | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | | | | | | |
| 330 | | | | 331 | | | | | | | | | | | | | | | | | |
| 360 | | | | | | | | | | | | | | | | | | | | | |
| 390 | | | | | 391 | | | | | | | | | | | | | | | | |
| 470 | | | | | 471 | | | | | | | | | | | | | | | | |
| 500 | | | | | | 501 | | | | | | | | | | | | | | | |
| 510 | | | | | | | | | | | | | | | | | | | | | |
| 560 | | | | | | | 561 | | | | | | | | | | | | | | |
| 680 | | | | | | | | | | | | | | | | | | | | | |
| 750 | | | | | | | | | | | | | | | | | | | | | |
| 820 | | | | | | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | | | | | | |
| Packing | T or B | | | | | | | T or B | | | | | T or B | | | T or B | | | | | B |
| Coating | PHENOL | | | | | | | | | | | | | | | | | | | EPOXY | |
| Marking | | | 1. Temperature characteristic | 2. Nominal capacitance | 3. Capacitance tolerance | | 4. Rated voltage | | 5. Manufacturer's identification | | | | | | | | | | | | |
| | | | SL : No marking. | I identified by 3-figure code. Ex. 5pF → "5" 100 pF → "101" | ±5% | J | 50V | Marked as underline | | Shall be marked as "UK", but D =6.0 mm and less in Dia shall be omitted. | | | | | | | | | | | |
| | | | | | ±0.25pF | C | 500V | No marking (is space.) | | | | | | | | | | | | | |
| | | | | | ±0.5pF | D | 1000V | Marked "1kV" | | | | | | | | | | | | | |
| | | | | | 2000V | Marked "2kV" | | | | | | | | | | | | | | | |