

Ordering Information Radial-Leaded Dipped Mica Capacitors

Ordering Information

Order by complete part number as below. For other options, write your requirements on your purchase order or request for quotation.

Note: RoHS compliant not available for CD6, CD7 or MIL-C5 parts.

Radial-Leaded Silvered Mica Capacitors (Except D7, D10*)

| | | | | | | | |
|------------------------|---------------------------------|---|--|---|--|-----------------------------|---|
| CD15 Series | C Characteristic Code | D Voltage (Vdc) | 100 Capacitance (pF) | J Capacitance Tolerance | O Temperature Range | 3 Vibration Grade | F Blank = Not Specified F = RoHS Compliant |
| | | Y = 50 Vdc A = 100 Vdc C = 300 Vdc D = 500 Vdc | F = 1000 Vdc H = 1500 Vdc J = 2000 Vdc K = 2500 Vdc | 010 = 1 pF (1.5) = 1.5 pF 361 = 360 pF 122 = 1200 pF | O = -55 °C to +125 °C P = -55 °C to +150 °C | Vibration Grade | |
| Characteristics | | | | | | | |
| Code | Temp. Coeff. ppm/ °C | Capacitance Drift | Standard Cap. Range | | | | |
| C | -200 to +200 | ±(0.5% +0.1pF) | 1–18 pF | | | | |
| E | -20 to +100 | ±(0.1% +0.1 pF) | 20–82 pF | | | | |
| F | 0 to +70 | ±(0.05% +0.1 pF) | 91 pF and up | | | | |

| No. | MIL-STD-202 | Vibration Condition (Hz) |
|-----|------------------------|--------------------------|
| 1 | Method 201 | 10 to 55 |
| 3 | Method 204 Condition D | 10 to 2,000 |

Standard vibration grade is 3, the more severe requirement

Options Available

- ◆ Non-flammable units per IEC 695-2-2 are available for standard dipped capacitors. Specify IEC 695-2-2 on your order.
- ◆ Tape and reeling, specify per next page.
- ◆ “P” temperature range available for CD10, CD15, CD19, CD30, CD42, CDA15
- ◆ For MIL-C-5 capacitors, see below.

Capacitance Tolerance

| Tol. Code | Tolerance | Capacitance Range |
|-----------|-----------|-------------------|
| C | ±1 pF | 1– 9 pF |
| D | ±1/2 pF | 1–99 pF |
| E | ±1/2 % | 100 pF and up |
| F | ±1 % | 50 pF and up |
| G | ±2 % | 25 pF and up |
| H | ±3 % | 18 pF and up |
| J | ±5 % | 10 pF and up |

Standard tolerance is ±1/2 pF for less than 10 pF and ±5% for 10 pF and up

MIL-C-5 Capacitors

Capacitors are available marked and manufactured to the requirements of standard MIL-C-5. To order the MIL-C-5 part number, change the Catalog Number by

replacing the CDE type with the MIL-C-5 Style Number using the table below. Example: Change CD15ED470J03 to CM05ED470J03.

| CDE Type Number | MIL-C-5 Style Number | |
|-----------------|----------------------|------|
| CD10 | CM04 | CM09 |
| CD15 | CM05 | CM10 |
| CD19 | CM06 | CM11 |
| CD30 | CM07 | CM12 |

The following ratings have no MIL-C-5 equivalents:

Type CD10: 2, 3, 4, 50, 250 and 400 pF

Type CD15: 2, 3, 4, 50, 250, 430 and higher pF

Type CD19: 390 and lower pF, 2,500 pF, and 5000 and higher pF

Type CD30: 5,000 and lower pF, 33,000 and higher pF

* Order Type D7 and D10 using the Catalog Numbers shown in the ratings tables.