

# 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\*)

|                       |                                 |   |  |   |  |                             |   |
|-----------------------|---------------------------------|---|--|---|--|-----------------------------|---|
| <b>CD15</b><br>Series | <b>C</b><br>Characteristic Code | <b>D</b><br>Voltage (Vdc)                               | <b>100</b><br>Capacitance (pF)                               | <b>J</b><br>Capacitance Tolerance                             | <b>O</b><br>Temperature Range                  | <b>3</b><br>Vibration Grade | <b>F</b><br>Blank = Not Specified<br>F = RoHS Compliant |
|                       |                                 | Y = 50 Vdc<br>A = 100 Vdc<br>C = 300 Vdc<br>D = 500 Vdc | F = 1000 Vdc<br>H = 1500 Vdc<br>J = 2000 Vdc<br>K = 2500 Vdc | 010 = 1 pF<br>(1.5) = 1.5 pF<br>361 = 360 pF<br>122 = 1200 pF | O = -55 °C to +125 °C<br>P = -55 °C to +150 °C |                             |   |

  

| 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.