

# Ordering Information **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.

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

|             |   |  |   |                       |  |                 |
|-------------|---|--|---|-----------------------|--|-----------------|
| <b>CD15</b> | <b>C</b>  | <b>D</b>   | <b>100</b>  | <b>J</b>              | <b>O</b>                                       | <b>3</b>        |
| Series      | Characteristic Code                                     | Voltage (Vdc)  | Capacitance (pF)  | Capacitance Tolerance | Temperature Range                              | Vibration Grade |
|             | 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 |                 |

  

| Characteristics |                      |                   |                     |
|-----------------|----------------------|-------------------|---------------------|
| Code            | Temp. Coeff. ppm/ °C | Capacitance Drift | Standard Cap. Range |
| C               | -200 to +200         | ±(0.5% +0.1 pF)   | 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        |

  

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

Standard vibration grade is 3, the more severe equipment

## 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, CD30m 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   | 1-100 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 ±½ 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

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

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

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.