

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*)

CD15	C	D	100	J	O	3
Series	Characteristic Code	Voltage (Vdc)	Capacitance (pF)	Capacitance Tolerance	Temperature Range	Vibration Grade
	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	

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 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.

Mouser Electronics

Authorized Distributor

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Cornell Dubilier:

[CM05FD331GP3](#) [CM06FD821JP3](#) [CM06FD472GP3](#) [CM07FD103GP3](#) [CM06FD152GP3](#) [CM06FD272GP3](#)
[CM06FD681GP3](#) [CM07FD682GP3](#) [CM06FD561GP3](#) [CM05ED390JP3](#) [CM05FD101JP3](#) [CM05FD221JP3](#)
[CM04FD131GO3](#) [CM05ED330GO3](#) [CM05FD111FO3](#) [CM06FD332GO3](#) [CM06FD302GO3](#) [CM06FD911JO3](#)
[CM06FD472GO3](#) [CM07FD682GO3](#) [CM05FD181J03](#) [CM05FD151G03](#) [CM05ED300G03](#) [CM04CD180J03](#)
[CM04ED360J03](#) [CM06FD182J03](#) [CM04ED300G03](#) [CM06FD122J03](#) [CM04ED750J03](#) [CM04ED330J03](#)