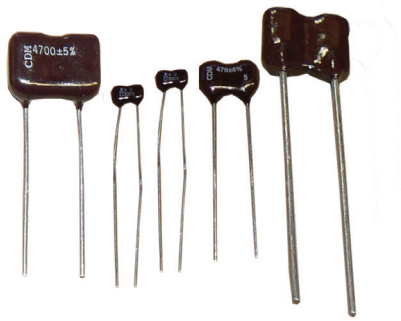
# Mica Capacitors, Standard Dipped

## Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30



Stability and mica go hand-in-hand when you need to count on stable capacitance over a wide temperature range. CDE's standard dipped silvered mica capacitors are the first choice for timing and close tolerance applications. These standard types are widely available through distribution.

## Highlights

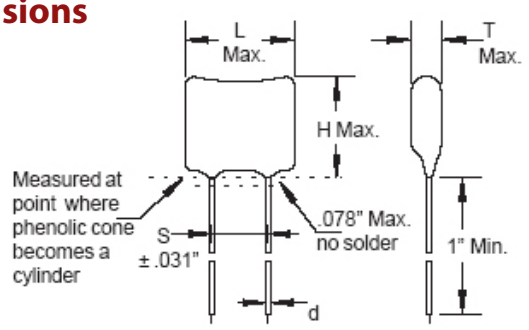
- Reel packaging available
- High temperature – up to +150 ºC
- Dimensions meet EIA RS153B specification
- 100,000 V/µs dV/dt pulse capability minimum
- Non-flammable units that meet IEC 695-2-2 are available

## Specifications

| | |
|---|---|
| **Capacitance Range** | 1 pF to 91,000 pF |
| **Capacitance Tolerance** | ±1/2 pF (D), ±1 pF (C), ±1/2% (E), ±1% (F), ±2% (G), ±5% (J) |
| **Rated Voltage** | 100 Vdc to 2500 Vdc |
| **Operating Temperature Range** | –55 ºC to +125 ºC (O) –55 ºC to +150 ºC (P)* |
| **Dielectric Strenght Test** | 200% of rated voltage |
| **RoHS Compliant** | |

*** P temperature range available for types CD10, CD15, CD19, CD30 and CD42**

## Dimensions




| Construction Details | |
|---|---|
| Case Material | Epoxy |
| Terminal Material | Copper clad steel, nickle undercoat, 100% tin finish |

## Ordering Information

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

## Part Numbering System (Radial-Leaded Silvered Mica Capacitors, except D10*)

| CD15 | C | D | 100 | J | O | 3 | F |
|---|---|---|---|---|---|---|---|
| Series | Characteristic Code | Voltage (Vdc) | Capacitance (pF) | Capacitance Tolerance | Temperature Range | Vibration Grade | Blank = Not Specified<br>F= RoHS Compliant |

**Voltage (Vdc)**

A = 100 Vdc
C = 300 Vdc
D = 500 Vdc
F = 1000 Vdc
H = 1500 Vdc
J = 2000 Vdc
K = 2500 Vdc

**Capacitance (pF)**

010 = 1 pF
100 = 10 pF
(1.5) = 1.5 pF
361 = 360 pF
122 = 1200 pF

**Temperature Range**

O = –55 ºC to +125 ºC
P = –55 ºC to +150 ºC

**Characteristics**

| Code | Temp. Coeff. ppm/ ºC | 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 |

**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

**Vibration Grade**

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

*** Order type D10 using the catalog numbers shown in ratings tables.**

## 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 application guide.

CDE Cornell Dubilier • 1605 E. Rodney French Blvd. • New Bedford, MA 02744 • Phone: (508)996-8561 • Fax: (508)996-3830

# Mica Capacitors, Standard Dipped

## Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30

## Ratings

| Cap (pF) | Volts (Vdc) | Catalog Part Number | L in (mm) | H in (mm) | T in (mm) | S in (mm) | d in (mm) |
|---|---|---|---|---|---|---|---|
| 1 | 500 | CD10CD010DO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 1 | 500 | CD15CD010DO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 2 | 500 | CD10CD020DO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 2 | 500 | CD15CD020DO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 3 | 500 | CD10CD03F0DO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 3 | 500 | CD15CD03F0DO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 5 | 500 | CD10CD050DO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 5 | 500 | CD15CD050DO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 5 | 1000 | CDV19CF050DO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7) | 0.032 (.8) |
| 7 | 500 | CD10CD070DO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 7 | 500 | CD15CD070DO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 7 | 1000 | CDV19CF070DO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7) | 0.032 (.8) |
| 10 | 500 | CD10CD100JO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 10 | 500 | CD15CD100JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 10 | 1000 | CDV19CF100JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7) | 0.032 (.8) |
| 12 | 500 | CD10CD120JO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 12 | 500 | CD15CD120JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 12 | 1000 | CDV19CF120JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7) | 0.032 (.8) |
| 15 | 500 | CD10CD150JO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 15 | 500 | CD15CD150JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 15 | 1000 | CDV19CF150JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7) | 0.032 (.8) |
| 18 | 500 | CD10CD180JO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 (3.6) | 0.016 (.4) |
| 18 | 500 | CD15CD180JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 (5.9) | 0.025 (.6) |
| 18 | 1000 | CDV19CF180JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 22 | 500 | CD10ED220JO3F | 0.36 ( 9.1) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 22 | 500 | CD15ED220JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 22 | 1000 | CDV19EF220JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 27 | 500 | CD10ED270JO3F | 0.37 ( 9.4) | 0.33 ( 8.4) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 27 | 500 | CD15ED270JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 27 | 1000 | CDV19EF270JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 27 | 1500 | CDV30EH270JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 27 | 2000 | CDV30EJ270JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 27 | 2500 | CDV30EK270JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 33 | 500 | CD10ED330JO3F | 0.37 ( 9.4) | 0.34 ( 8.6) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 33 | 500 | CD15ED330JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 33 | 1000 | CDV19EF330JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 33 | 1500 | CDV30EH330JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 33 | 2000 | CDV30EJ330JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 33 | 2500 | CDV30EK330JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 39 | 500 | CD10ED390JO3F | 0.37 ( 9.4) | 0.34 ( 8.6) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 39 | 500 | CD15ED390JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 39 | 1000 | CDV19EF390JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 39 | 1500 | CDV30EH390JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 39 | 2000 | CDV30EJ390JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |

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| Cap (pF) | Volts (Vdc) | Catalog Part Number | L in (mm) | H in (mm) | T in (mm) | S in (mm) | d in (mm) |
|---|---|---|---|---|---|---|---|
| 39 | 2500 | CDV30EK390JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 47 | 500 | CD10ED470JO3F | 0.37 ( 9.4) | 0.34 ( 8.6) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 47 | 500 | CD15ED470JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 47 | 1000 | CDV19EF470JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 47 | 1500 | CDV30EH470JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 47 | 2000 | CDV30EJ470JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 47 | 2500 | CDV30EK470JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 56 | 500 | CD10ED560JO3F | 0.37 ( 9.4) | 0.34 ( 8.6) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 56 | 500 | CD15ED560JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.17 (4.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 56 | 1000 | CDV19EF560JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 56 | 1500 | CDV30EH560JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 56 | 2500 | CDV30EK560JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 68 | 500 | CD10ED680JO3F | 0.37 ( 9.4) | 0.34 ( 8.6) | 0.19 (4.8) | 0.141 ( 3.6) | 0.016 ( .4) |
| 68 | 500 | CD15ED680JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.18 (4.6) | 0.234 ( 5.9) | 0.025 ( .6) |
| 68 | 1000 | CDV19EF680JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 68 | 1500 | CDV30EH680JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 68 | 2000 | CDV30EJ680JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 68 | 2500 | CDV30EK680JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 82 | 500 | CD10ED820JO3F | 0.37 ( 9.4) | 0.35 ( 8.9) | 0.20 (5.1) | 0.141 ( 3.6) | 0.016 ( .4) |
| 82 | 500 | CD15ED820JO3F | 0.45 (11.4) | 0.36 ( 9.1) | 0.18 (4.6) | 0.234 ( 5.9) | 0.025 ( .6) |
| 82 | 1000 | CDV19EF820JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 82 | 1500 | CDV30EH820JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 82 | 2000 | CDV30EJ820JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 82 | 2500 | CDV30EK820JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 100 | 500 | CD10FD101JO3F | 0.37 ( 9.4) | 0.35 ( 8.9) | 0.20 (5.1) | 0.141 ( 3.6) | 0.016 ( .4) |
| 100 | 500 | CD15FD101JO3F | 0.46 (11.7) | 0.36 ( 9.1) | 0.18 (4.6) | 0.234 ( 5.9) | 0.025 ( .6) |
| 100 | 500 | CD19FD101JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 100 | 1000 | CDV19FF101JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 100 | 1500 | CDV30FH101JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 100 | 2000 | CDV30FJ101JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 100 | 2500 | CDV30FK101JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 120 | 500 | CD10FD121JO3F | 0.38 ( 9.7) | 0.35 ( 8.9) | 0.20 (5.1) | 0.141 ( 3.6) | 0.016 ( .4) |
| 120 | 500 | CD15FD121JO3F | 0.46 (11.7) | 0.37 ( 9.4) | 0.18 (4.6) | 0.234 ( 5.9) | 0.025 ( .6) |
| 120 | 500 | CD19FD121JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 120 | 1000 | CDV19FF121JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 120 | 1500 | CDV30FH121JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 120 | 2000 | CDV30FJ121JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 120 | 2500 | CDV30FK121JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 150 | 500 | CD10FD151JO3F | 0.38 ( 9.7) | 0.36 ( 9.1) | 0.21 (5.3) | 0.141 ( 3.6) | 0.016 ( .4) |
| 150 | 500 | CD15FD151JO3F | 0.46 (11.7) | 0.37 ( 9.4) | 0.19 (4.8) | 0.234 ( 5.9) | 0.025 ( .6) |
| 150 | 500 | CD19FD151JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 150 | 1000 | CDV19FF151JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 150 | 1500 | CDV30FH151JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 150 | 2000 | CDV30FJ151JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |

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## Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30

| Cap (pF) | Volts (Vdc) | Catalog Part Number | L in (mm) | H in (mm) | T in (mm) | S in (mm) | d in (mm) |
|---|---|---|---|---|---|---|---|
| 180 | 500 | CD10FD181JO3F | 0.39 ( 9.9) | 0.37 ( 9.4) | 0.21 (5.3) | 0.141 ( 3.6) | 0.016 ( .4) |
| 180 | 500 | CD15FD181JO3F | 0.46 (11.7) | 0.37 ( 9.4) | 0.19 (4.8) | 0.234 ( 5.9) | 0.025 ( .6) |
| 180 | 500 | CD19FD181JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 180 | 1000 | CDV19FF181JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 180 | 1500 | CDV30FH181JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 180 | 2000 | CDV30FJ181JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 220 | 500 | CD10FD221JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 220 | 500 | CD15FD221JO3F | 0.46 (11.7) | 0.38 ( 9.7) | 0.20 (5.1) | 0.234 ( 5.9) | 0.025 ( .6) |
| 220 | 500 | CD19FD221JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 220 | 1000 | CDV19FF221JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 220 | 1500 | CDV30FH221JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 220 | 2000 | CDV30FJ221JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 270 | 300 | CD10FC271JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 270 | 500 | CD19FD271JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 270 | 500 | D105F271JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 270 | 500 | CD15FD271JO3F | 0.47 (11.9) | 0.39 ( 9.9) | 0.21 (5.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 270 | 1000 | CDV19FF271JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 270 | 1500 | CDV30FH271JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 270 | 2000 | CDV30FJ271JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 330 | 100 | CD10FA331JO3F | 0.39 ( 9.9) | 0.37 ( 9.4) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 330 | 500 | D105F331JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 330 | 500 | CD15FD331JO3F | 0.47 (11.9) | 0.39 ( 9.9) | 0.21 (5.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 330 | 500 | CD19FD331JO3F | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 330 | 2000 | CDV30FJ331JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 330 | 2500 | CDV30FK331JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 390 | 100 | CD10FA391JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 390 | 500 | D105F391JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 390 | 500 | CD15FD391JO3F | 0.47 (11.9) | 0.39 ( 9.9) | 0.21 (5.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 390 | 500 | CD19FD391JO3F | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 ( 8.7) | 0.032 ( .8) |
| 390 | 1000 | CDV19FF391JO3F | 0.65 (16.5) | 0.51 (13.0) | 0.20 (5.1) | 0.344 ( 8.7) | 0.032 ( .8) |
| 390 | 1500 | CDV30FH391JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 470 | 500 | D105F471JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 470 | 500 | CD15FD471JO3F | 0.47 (11.9) | 0.40 (10.2) | 0.22 (5.6) | 0.234 ( 5.9) | 0.025 ( .6) |
| 470 | 500 | CD19FD471JO3F | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 ( 8.7) | 0.032 ( .8) |
| 470 | 1500 | CDV30FH471JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 470 | 2000 | CDV30FJ471JO3F | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 470 | 2500 | CDV30FK471JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 560 | 300 | D103F561JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 560 | 300 | CD15FC561JO3F | 0.46 (11.7) | 0.38 ( 9.7) | 0.21 (5.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 560 | 500 | CD19FD561JO3F | 0.65 (16.5) | 0.51 (13.0) | 0.20 (5.1) | 0.344 ( 8.7) | 0.032 ( .8) |
| 560 | 1000 | CDV19FF561JO3F | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 ( 8.7) | 0.032 ( .8) |
| 560 | 1500 | CDV30FH561JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 560 | 2000 | CDV30FJ561JO3F | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 560 | 2500 | CDV30FK561JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 680 | 300 | D103F681JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |

# Mica Capacitors, Standard Dipped

## Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30

| Cap (pF) | Volts (Vdc) | Catalog Part Number | L in (mm) | H in (mm) | T in (mm) | S in (mm) | d in (mm) |
|---|---|---|---|---|---|---|---|
| 680 | 300 | CD15FC681JO3F | 0.47 (11.9) | 0.39 ( 9.9) | 0.21 (5.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 680 | 500 | CD19FD681JO3F | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 ( 8.7) | 0.032 ( .8) |
| 680 | 1000 | CDV19FF681JO3F | 0.66 (16.8) | 0.52 (13.2) | 0.22 (5.6) | 0.344 ( 8.7) | 0.032 ( .8) |
| 680 | 1500 | CDV30FH681JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 680 | 2000 | CDV30FJ681JO3F | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 680 | 2500 | CDV30FK681JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 820 | 300 | D103F821JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 820 | 300 | CD15FC821JO3F | 0.47 (11.9) | 0.39 ( 9.9) | 0.21 (5.3) | 0.234 ( 5.9) | 0.025 ( .6) |
| 820 | 500 | CD19FD821JO3F | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 ( 8.7) | 0.032 ( .8) |
| 820 | 1000 | CDV19FF821JO3F | 0.66 (16.8) | 0.53 (13.5) | 0.23 (5.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 820 | 1500 | CDV30FH821JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 820 | 2000 | CDV30FJ821JO3F | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 820 | 2500 | CDV30FK821JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 1000 | 100 | D101F102JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 1000 | 100 | CD15FA102JO3F | 0.48 (12.2) | 0.40 (10.2) | 0.23 (5.8) | 0.234 ( 5.9) | 0.025 ( .6) |
| 1000 | 500 | CD19FD102JO3F | 0.65 (16.5) | 0.52 (13.2) | 0.22 (5.6) | 0.344 ( 8.7) | 0.032 ( .8) |
| 1000 | 1000 | CDV19FF102JO3F | 0.67 (17.0) | 0.53 (13.5) | 0.25 (6.4) | 0.344 ( 97) | 0.032 ( .8) |
| 1000 | 1500 | CDV30FH102JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 1000 | 2000 | CDV30FJ102JO3F | 0.78 (19.8) | 0.88 (22.4) | 0.28 (7.1) | 0.438 (11.1) | 0.040 (1.0) |
| 1000 | 2500 | CDV30FK102JO3F | 0.79 (20.1) | 0.88 (22.4) | 0.31 (7.9) | 0.438 (11.1) | 0.040 (1.0) |
| 1200 | 100 | D101F122JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 1200 | 100 | CD15FA122JO3F | 0.49 (12.4) | 0.42 (10.7) | 0.24 (6.1) | 0.234 ( 5.9) | 0.025 ( .6) |
| 1200 | 500 | CD19FD122JO3F | 0.66 (16.8) | 0.52 (13.2) | 0.22 (5.6) | 0.344 ( 8.7) | 0.032 ( .8) |
| 1200 | 1500 | CDV30FH122JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 1200 | 2000 | CDV30FJ122JO3F | 0.78 (19.8) | 0.88 (22.4) | 0.28 (7.1) | 0.438 (11.1) | 0.040 (1.0) |
| 1200 | 2500 | CDV30FK122JO3F | 0.79 (20.1) | 0.88 (22.4) | 0.31 (7.9) | 0.438 (11.1) | 0.040 (1.0) |
| 1500 | 100 | D101F152JO3F | 0.39 ( 9.9) | 0.38 ( 9.7) | 0.22 (5.6) | 0.141 ( 3.6) | 0.016 ( .4) |
| 1500 | 100 | CD15FA152JO3F | 0.50 (12.7) | 0.43 (10.9) | 0.25 (6.4) | 0.234 ( 5.9) | 0.025 ( .6) |
| 1500 | 500 | CD19FD152JO3F | 0.66 (16.8) | 0.52 (13.2) | 0.23 (5.8) | 0.344 ( 8.7) | 0.032 ( .8) |
| 1500 | 1000 | CDV19FF152JO3F | 0.68 (17.3) | 0.54 (13.7) | 0.27 (6.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 1500 | 1500 | CDV30FH152JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.28 (7.1) | 0.438 (11.1) | 0.040 (1.0) |
| 1500 | 2000 | CDV30FJ152JO3F | 0.79 (20.1) | 0.89 (22.6) | 0.32 (8.1) | 0.438 (11.1) | 0.040 (1.0) |
| 1500 | 2500 | CDV30FK152JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.35 (8.9) | 0.438 (11.1) | 0.040 (1.0) |
| 1800 | 500 | CD19FD182JO3F | 0.67 (17.0) | 0.53 (13.5) | 0.24 (6.1) | 0.344 ( 8.7) | 0.032 ( .8) |
| 1800 | 1000 | CDV19FF182JO3F | 0.68 (17.3) | 0.55 (14.0) | 0.29 (7.4) | 0.344 ( 8.7) | 0.032 ( .8) |
| 1800 | 1500 | CDV30FH182JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.29 (7.4) | 0.438 (11.1) | 0.040 (1.0) |
| 1800 | 2000 | CDV30FJ182JO3F | 0.79 (20.1) | 0.89 (22.6) | 0.34 (8.6) | 0.438 (11.1) | 0.040 (1.0) |
| 1800 | 2500 | CDV30FK182JO3F | 0.81 (20.6) | 0.90 (22.9) | 0.37 (9.4) | 0.438 (11.1) | 0.040 (1.0) |
| 2200 | 500 | CD19FD222JO3F | 0.67 (17.0) | 0.53 (13.5) | 0.25( 6.4) | 0.344 ( 8.7) | 0.032 ( .8) |
| 2200 | 500 | CD30FD222JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25( 6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 2200 | 1000 | CDV19FF222JO3F | 0.69 (17.5) | 0.56 (14.2) | 0.31( 7.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 2200 | 1500 | CDV30FH222JO3F | 0.79 (20.1) | 0.88 (22.4) | 0.31( 7.9) | 0.438 (11.1) | 0.040 (1.0) |
| 2700 | 500 | CD19FD272JO3F | 0.68 (17.3) | 0.54 (13.7) | 0.27( 6.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 2700 | 500 | CD30FD272JO3F | 0.77 (19.6) | 0.85 (21.6) | 0.25( 6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 2700 | 1000 | CDV19FF272JO3F | 0.70 (17.8) | 0.57 (14.5) | 0.34( 8.6) | 0.344 ( 8.7) | 0.032 ( .8) |

# Mica Capacitors, Standard Dipped

## Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30

| Cap (pF) | Volts (Vdc) | Catalog Part Number | L in (mm) | H in (mm) | T in (mm) | S in (mm) | d in (mm) |
|---|---|---|---|---|---|---|---|
| 2700 | 1500 | CDV30FH272JO3F | 0.79 (20.1) | 0.88 (22.4) | 0.33( 8.4) | 0.438 (11.1) | 0.040 (1.0) |
| 2700 | 2000 | CDV30FJ272JO3F | 0.81 (20.6) | 0.91 (23.1) | 0.40(10.2) | 0.438 (11.1) | 0.040 (1.0) |
| 2700 | 2500 | CDV30FK272JO3F | 0.83 (21.1) | 0.92 (23.4) | 0.45(11.4) | 0.438 (11.1) | 0.040 (1.0) |
| 3300 | 500 | CD19FD332JO3F | 0.68 (17.3) | 0.55 (14.0) | 0.29( 7.4) | 0.344 ( 8.7) | 0.032 ( .8) |
| 3300 | 500 | CD30FD332JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.25( 6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 3300 | 1000 | CDV19FF332JO3F | 0.72 (18.3) | 0.59 (15.0) | 0.38( 9.7) | 0.344 ( 8.7) | 0.032 ( .8) |
| 3300 | 1500 | CDV30FH332JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.35( 8.9) | 0.438 (11.1) | 0.040 (1.0) |
| 3300 | 2000 | CDV30FJ332JO3F | 0.82 (20.8) | 0.92 (23.4) | 0.44(11.2) | 0.438 (11.1) | 0.040 (1.0) |
| 3900 | 500 | CD19FD392JO3F | 0.69 (17.5) | 0.56 (14.2) | 0.31( 7.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 3900 | 500 | CD30FD392JO3F | 0.77 (19.6) | 0.86 (21.8) | 0.26( 6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 3900 | 1000 | CDV19FF392JO3F | 0.74 (18.8) | 0.61 (15.5) | 0.42(10.7) | 0.344 ( 8.7) | 0.032 ( .8) |
| 3900 | 1500 | CDV30FH392JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.36( 9.1) | 0.438 (11.1) | 0.040 (1.0) |
| 3900 | 2000 | CDV30FJ392JO3F | 0.83 (21.1) | 0.93 (23.6) | 0.46(11.7) | 0.438 (11.1) | 0.040 (1.0) |
| 4700 | 500 | CD19FD472JO3F | 0.70 (17.8) | 0.58 (14.7) | 0.35( 8.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 4700 | 500 | CD30FD472JO3F | 0.78 (19.8) | 0.86 (21.8) | 0.27( 6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 4700 | 1000 | CDV19FF472JO3F | 0.76 (19.3) | 0.63 (16.0) | 0.46(11.7) | 0.344 ( 8.7) | 0.032 ( .8) |
| 4700 | 1500 | CDV30FH472JO3F | 0.81 (20.6) | 0.90 (22.9) | 0.38( 9.7) | 0.438 (11.1) | 0.040 (1.0) |
| 5600 | 300 | CD19FC562JO3F | 0.68 (17.3) | 0.56 (14.2) | 0.31( 7.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 5600 | 500 | CD30FD562JO3F | 0.78 (19.8) | 0.87 (22.1) | 0.29( 7.4) | 0.438 (11.1) | 0.040 (1.0) |
| 5600 | 1000 | CDV30FF562JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.34( 8.6) | 0.438 (11.1) | 0.040 (1.0) |
| 5600 | 1500 | CDV30FH562JO3F | 0.82 (20.8) | 0.91 (23.1) | 0.40(10.2) | 0.438 (11.1) | 0.040 (1.0) |
| 6800 | 300 | CD19FC682JO3F | 0.69 (17.5) | 0.57 (14.5) | 0.33( 8.4) | 0.344 ( 8.7) | 0.032 ( .8) |
| 6800 | 500 | CD30FD682JO3F | 0.78 (19.8) | 0.88 (22.4) | 0.30( 7.6) | 0.438 (11.1) | 0.040 (1.0) |
| 6800 | 1000 | CDV30FF682JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.36( 9.1) | 0.438 (11.1) | 0.040 (1.0) |
| 6800 | 1500 | CDV30FH682JO3F | 0.83 (21.1) | 0.92 (23.4) | 0.42(10.7) | 0.438 (11.1) | 0.040 (1.0) |
| 8200 | 100 | CD19FA822JO3F | 0.70 (17.8) | 0.58 (14.7) | 0.35( 8.9) | 0.344 ( 8.7) | 0.032 ( .8) |
| 8200 | 500 | CD30FD822JO3F | 0.79 (20.1) | 0.88 (22.4) | 0.32( 8.1) | 0.438 (11.1) | 0.040 (1.0) |
| 8200 | 1000 | CDV30FF822JO3F | 0.81 (20.6) | 0.90 (22.9) | 0.39( 9.9) | 0.438 (11.1) | 0.040 (1.0) |
| 8200 | 1500 | CDV30FH822JO3F | 0.84 (21.3) | 0.93 (23.6) | 0.46(11.7) | 0.438 (11.1) | 0.040 (1.0) |
| 10000 | 100 | CD19FA103JO3F | 0.72 (18.3) | 0.60 (15.2) | 0.37( 9.4) | 0.344 ( 8.7) | 0.032 ( .8) |
| 10000 | 500 | CD30FD103JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.34( 8.6) | 0.438 (11.1) | 0.040 (1.0) |
| 10000 | 1000 | CDV30FF103JO3F | 0.82 (20.8) | 0.91 (23.1) | 0.42(10.7) | 0.438 (11.1) | 0.040 (1.0) |
| 12000 | 500 | CD30FD123JO3F | 0.80 (20.3) | 0.89 (22.6) | 0.36( 9.1) | 0.438 (11.1) | 0.040 (1.0) |
| 12000 | 1000 | CDV30FF123JO3F | 0.83 (21.1) | 0.92 (23.4) | 0.46(11.7) | 0.438 (11.1) | 0.040 (1.0) |
| 15000 | 500 | CD30FD153JO3F | 0.81 (20.6) | 0.90 (22.9) | 0.39( 9.9) | 0.438 (11.1) | 0.040 (1.0) |
| 18000 | 500 | CD30FD183JO3F | 0.82 (20.8) | 0.91 (23.1) | 0.43(10.9) | 0.438 (11.1) | 0.040 (1.0) |
| 22000 | 500 | CD30FD223JO3F | 0.83 (21.1) | 0.93 (23.6) | 0.46(11.7) | 0.438 (11.1) | 0.040 (1.0) |
| 22000 | 500 | CD42FD223JO3F | 1.42 (36.1) | 0.88 (22.4) | 0.31( 7.9) | 1.063 (27.0) | 0.040 (1.0) |
| 33000 | 100 | CD30FA333JO3F | 0.83 (21.1) | 0.91 (23.1) | 0.44(11.2) | 0.438 (11.1) | 0.040 (1.0) |
| 33000 | 500 | CD42FD333JO3F | 1.44 (36.6) | 0.89 (22.6) | 0.36( 9.1) | 1.063 (27.0) | 0.040 (1.0) |
| 39000 | 500 | CD42FD393JO3F | 1.45 (36.8) | 0.90 (22.9) | 0.40(10.2) | 1.063 (27.0) | 0.040 (1.0) |
| 47000 | 500 | CD42FD473JO3F | 1.47 (37.3) | 0.91 (23.1) | 0.45(11.4) | 1.063 (27.0) | 0.040 (1.0) |
| 68000 | 300 | CD42FC683JO3F | 1.48 (37.6) | 0.92 (23.4) | 0.47(11.9) | 1.063 (27.0) | 0.040 (1.0) |
| 82000 | 100 | CD42FA823JO3F | 1.48 (37.6) | 0.92 (23.4) | 0.46(11.7) | 1.063 (27.0) | 0.040 (1.0) |
| 91000 | 100 | CD42FA913JO3F | 1.50 (38.1) | 0.94 (23.9) | 0.50(12.7) | 1.063 (27.0) | 0.040 (1.0) |

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
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