

Mica Capacitors, Standard Dipped

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

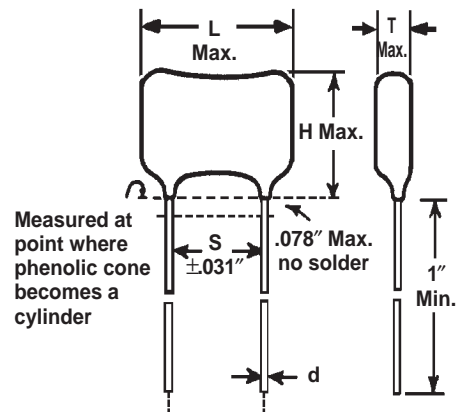


Heralded for stability, CDE standard dipped silvered mica capacitors are the first choice for timing, close tolerance, and all applications where you need to count on the capacitance. These standard types are widely available through distribution.

Performance Highlights

- Voltage Range: 100 Vdc to 2,500 Vdc
- Capacitance Range: 1 pF to 91,000 pF
- Capacitance Tolerance: $\pm\frac{1}{2}$ pF (D), ± 1 pF (C), $\pm\frac{1}{2}\%$ (E), $\pm 1\%$ (F), $\pm 2\%$ (G), $\pm 5\%$ (J)
- Temperature Range: -55°C to $+125^{\circ}\text{C}$ (O)
 -55°C to $+150^{\circ}\text{C}$ (P)*
- Dimensions meet EIA RS153B specification
- MIL-C-5 military styles available (See Ordering Information, p. 4.018)
- Reel packing available
- 100,000 V/ μs dV/dt pulse capability minimum
- Units tested at 200% of rated voltage
- Non-flammable units which meet IEC 695-2-2 available

*"P" temperature range is available for Types CD10, CD15, CD19, CD30, CD42, CDA15



Radial Leaded
Mica Capacitors

Ratings and Dimensions

Cap pF	Catalog Number	Volt Rate	L Inches (mm)	H Inches (mm)	T Inches (mm)	S Inches (mm)	d Inches (mm)
1	CD10CD010D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
1	CD15CD010D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
2	CD10CD020D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
2	CD15CD020D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
3	CD10CD030D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
3	CD15CD030D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
4	CD15CD040D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
5	CD10CD050D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
5	CD15CD050D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
5	CDV19CF050D03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
6	CD10CD060D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
6	CD15CD060D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
6	CDV19CF060D03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
7	CD10CD070D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
7	CD15CD070D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
7	CDV19CF070D03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
8	CD10CD080D03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
8	CD15CD080D03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
8	CDV19CF080D03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
10	CD10CD100J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
10	CD15CD100J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
10	CDV19CF100J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
12	CD10CD120J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
12	CD15CD120J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
12	CDV19CF120J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
15	CD10CD150J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
15	CD15CD150J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
15	CDV19CF150J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
18	CD10CD180J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
18	CD15CD180J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)

Cap pF	Catalog Number	Volt Rate	L Inches (mm)	H Inches (mm)	T Inches (mm)	S Inches (mm)	d Inches (mm)
18	CDV19CF180J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
20	CD10ED200J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
20	CD15ED200J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
20	CDV19EF200J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
22	CD10ED220J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
22	CD15ED220J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
22	CDV19EF220J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
24	CD10ED240J03	500	.360 (9.1)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
24	CD15ED240J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
24	CDV19EF240J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
24	CDV30EH240J03	1,500	.770 (19.6)	.850 (21.6)	.250 (6.4)	.438 (11.1)	.040 (1.0)
24	CDV30EK240J03	2,000	.770 (19.6)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)
24	CDV30EK240J03	2,500	.780 (19.8)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)
27	CD10ED270J03	500	.370 (9.4)	.330 (8.4)	.190 (4.8)	.141 (3.6)	.016 (.4)
27	CD15ED270J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
27	CDV19EF270J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
27	CDV30EH270J03	1,500	.770 (19.6)	.850 (21.6)	.250 (6.4)	.438 (11.1)	.040 (1.0)
27	CDV30EK270J03	2,000	.770 (19.6)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)
27	CDV30EK270J03	2,500	.780 (19.8)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)
30	CD10ED300J03	500	.370 (9.4)	.340 (8.6)	.190 (4.8)	.141 (3.6)	.016 (.4)
30	CD15ED300J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
30	CDV19EF300J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
30	CDV30EH300J03	1,500	.770 (19.6)	.850 (21.6)	.250 (6.4)	.438 (11.1)	.040 (1.0)
30	CDV30EK300J03	2,000	.770 (19.6)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)
30	CDV30EK300J03	2,500	.780 (19.8)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)
33	CD10ED330J03	500	.370 (9.4)	.340 (8.6)	.190 (4.8)	.141 (3.6)	.016 (.4)
33	CD15ED330J03	500	.450 (11.4)	.360 (9.1)	.170 (4.3)	.234 (5.9)	.025 (.6)
33	CDV19EF330J03	1,000	.640 (16.3)	.500 (12.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
33	CDV30EH330J03	1,500	.770 (19.6)	.850 (21.6)	.250 (6.4)	.438 (11.1)	.040 (1.0)
33	CDV30EK330J03	2,000	.770 (19.6)	.860 (21.8)	.250 (6.4)	.438 (11.1)	.040 (1.0)

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