

Mica Capacitors **Standard Dipped**

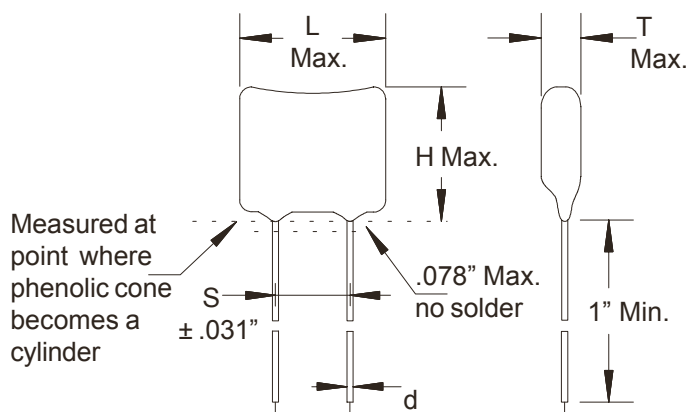
Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30



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

- MIL-C-5 military styles available
- Reel packaging available
- High temperature – up to +150 °C
- 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
Voltage Range:	100 Vdc to 2,500 Vdc
Capacitance Tolerance:	±1/2 pF (D), ±1 pF (C), ±1/2% (E), ±1% (F), ±2% (G), ±5% (J)
Temperature Range:	–55 °C to +125 °C (O) –55 °C to +150 °C (P)*
Dielectric Strength Test:	200% of rated voltage

*P temperature range available for types CD10, CD15, CD19, CD30, CD42 and CDA15.

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	CD10CD010D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
1	500	CD15CD010D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
2	500	CD10CD020D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
2	500	CD15CD020D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
3	500	CD10CD030D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
3	500	CD15CD030D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
4	500	CD15CD040D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
5	500	CD10CD050D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
5	500	CD15CD050D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
5	1,000	CDV19CF050D03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
6	500	CD10CD060D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
6	500	CD15CD060D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
6	1,000	CDV19CF060D03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
7	500	CD10CD070D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
7	500	CD15CD070D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
7	1,000	CDV19CF070D03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
8	500	CD10CD080D03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
8	500	CD15CD080D03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
8	1,000	CDV19CF080D03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
10	500	CD10CD100J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
10	500	CD15CD100J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
10	1,000	CDV19CF100J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
12	500	CD10CD120J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
12	500	CD15CD120J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
12	1,000	CDV19CF120J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)

Cap (pF)	Volts (Vdc)	Catalog Part Number	L in (mm)	H in (mm)	T in (mm)	S in (mm)	d in (mm)
15	500	CD10CD150J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
15	500	CD15CD150J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
15	1000	CDV19CF150J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
18	500	CD10CD180J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
18	500	CD15CD180J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
18	1000	CDV19CF180J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
20	500	CD10ED200J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
20	500	CD15ED200J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
20	1000	CDV19EF200J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
22	500	CD10ED220J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
22	500	CD15ED220J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
22	1000	CDV19EF220J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
24	500	CD10ED240J03	0.36 (9.1)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
24	500	CD15ED240J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
24	1000	CDV19EF240J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
24	1,500	CDV30EH240J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
24	2000	CDV30EJ240J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
24	2500	CDV30EK240J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
27	500	CD10ED270J03	0.37 (9.4)	0.33 (8.4)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
27	500	CD15ED270J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
27	1000	CDV19EF270J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
27	1,500	CDV30EH270J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
27	2000	CDV30EJ270J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
27	2500	CDV30EK270J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
30	500	CD10ED300J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)

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Cap (pF)	Volts (Vdc)	Catalog	L	H	T	S	d
		Part Number	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
30	500	CD15ED300J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
30	1,000	CDV19EF300J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
30	1,500	CDV30EH300J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
30	2,000	CDV30EJ300J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
30	2,500	CDV30EK300J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
33	500	CD10ED330J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
33	500	CD15ED330J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
33	1,000	CDV19EF330J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
33	1,500	CDV30EH330J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
33	2,000	CDV30EJ330J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
33	2,500	CDV30EK330J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
36	500	CD10ED360J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
36	500	CD15ED360J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
36	1,000	CDV19EF360J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
36	1,500	CDV30EH360J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
36	2,000	CDV30EJ360J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
36	2,500	CDV30EK360J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
39	500	CD10ED390J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
39	500	CD15ED390J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
39	1,000	CDV19EF390J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
39	1,500	CDV30EH390J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
39	2,000	CDV30EJ390J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
39	2,500	CDV30EK390J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
43	500	CD10ED430J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
43	500	CD15ED430J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
43	1,000	CDV19EF430J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
43	1,500	CDV30EH430J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
43	2,000	CDV30EJ430J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
43	2,500	CDV30EK430J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
47	500	CD10ED470J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
47	500	CD15ED470J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
47	1,000	CDV19EF470J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
47	1,500	CDV30EH470J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
47	2,000	CDV30EJ470J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
47	2,500	CDV30EK470J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
50	500	CD10ED500J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
50	500	CD15ED500J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
50	1,000	CDV19EF500J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
50	1,500	CDV30EH500J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
50	2,000	CDV30EJ500J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
50	2,500	CDV30EK500J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
51	500	CD10ED510J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
51	500	CD15ED510J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
51	1,000	CDV19EF510J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
51	1,500	CDV30EH510J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
51	2,000	CDV30EJ510J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
51	2,500	CDV30EK510J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
56	500	CD10ED560J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
56	500	CD15ED560J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
56	1,000	CDV19EF560J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
56	1,500	CDV30EH560J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
56	2,500	CDV30EK560J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
62	500	CD10ED620J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
62	500	CD15ED620J03	0.45 (11.4)	0.36 (9.1)	0.17 (4.3)	0.234 (5.9)	0.025 (.6)
62	1,000	CDV19EF620J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
62	1,500	CDV30EH620J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
62	2,000	CDV30EJ620J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
62	2,500	CDV30EK620J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
68	500	CD10ED680J03	0.37 (9.4)	0.34 (8.6)	0.19 (4.8)	0.141 (3.6)	0.016 (.4)
68	500	CD15ED680J03	0.45 (11.4)	0.36 (9.1)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
68	1,000	CDV19EF680J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
68	1,500	CDV30EH680J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
68	2,000	CDV30EJ680J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
68	2,500	CDV30EK680J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
75	500	CD10ED750J03	0.37 (9.4)	0.34 (8.6)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
75	500	CD15ED750J03	0.45 (11.4)	0.36 (9.1)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
75	1,000	CDV19EF750J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
75	1,500	CDV30EH750J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)

Cap (pF)	Volts (Vdc)	Catalog	L	H	T	S	d
		Part Number	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
75	2000	CDV30EJ750J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
75	2,500	CDV30EK750J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
82	500	CD10ED820J03	0.37 (9.4)	0.35 (8.9)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
82	500	CD15ED820J03	0.45 (11.4)	0.36 (9.1)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
82	1,000	CDV19EF820J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
82	1500	CDV30EH820J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
82	2000	CDV30EJ820J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
82	2,500	CDV30EK820J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
91	500	CD10FD910J03	0.37 (9.4)	0.35 (8.9)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
91	500	CD15FD910J03	0.46 (11.7)	0.36 (9.1)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
91	1,000	CDV19FF910J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
91	1500	CDV30FH910J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
91	2000	CDV30FJ910J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
91	2,500	CDV30FK910J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
100	500	CD10FD101J03	0.37 (9.4)	0.35 (8.9)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
100	500	CD15FD101J03	0.46 (11.7)	0.36 (9.1)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
100	500	CD19FD101J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
100	1000	CDV19FF101J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
100	1500	CDV30FH101J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
100	2,000	CDV30FJ101J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
100	2,500	CDV30FK101J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
110	500	CD10FD111J03	0.38 (9.7)	0.35 (8.9)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
110	500	CD15FD111J03	0.46 (11.7)	0.37 (9.4)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
110	1000	CDV19FF111J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
110	1500	CDV30FH111J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
110	2,000	CDV30FJ111J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
110	2,500	CDV30FK111J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
120	500	CD10FD121J03	0.38 (9.7)	0.35 (8.9)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
120	500	CD15FD121J03	0.46 (11.7)	0.37 (9.4)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
120	500	CD19FD121J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
120	1000	CDV19FF121J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
120	1,500	CDV30FH121J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
120	2,000	CDV30FJ121J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
120	2,500	CDV30FK121J03	0.78 (19.8)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
130	500	CD10FD131J03	0.38 (9.7)	0.36 (9.1)	0.20 (5.1)	0.141 (3.6)	0.016 (.4)
130	500	CD15FD131J03	0.46 (11.7)	0.37 (9.4)	0.18 (4.6)	0.234 (5.9)	0.025 (.6)
130	1000	CDV19FF131J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
130	1,500	CDV30FH131J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
130	2,000	CDV30FJ131J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
150	500	CD10FD151J03	0.38 (9.7)	0.36 (9.1)	0.21 (5.3)	0.141 (3.6)	0.016 (.4)
150	500	CD15FD151J03	0.46 (11.7)	0.37 (9.4)	0.19 (4.8)	0.234 (5.9)	0.025 (.6)
150	500	CD19FD151J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
150	1000	CDV19FF151J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
150	1,500	CDV30FH151J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
150	2,000	CDV30FJ151J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
160	500	CD10FD161J03	0.38 (9.7)	0.36 (9.1)	0.21 (5.3)	0.141 (3.6)	0.016 (.4)
160	500	CD15FD161J03	0.46 (11.7)	0.37 (9.4)	0.19 (4.8)	0.234 (5.9)	0.025 (.6)
160	1000	CDV19FF161J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
160	1500	CDV30FH161J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
160	2,000	CDV30FJ161J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
180	500	CD10FD181J03	0.39 (9.9)	0.37 (9.4)	0.21 (5.3)	0.141 (3.6)	0.016 (.4)
180	500	CD15FD181J03	0.46 (11.7)	0.37 (9.4)	0.19 (4.8)	0.234 (5.9)	0.025 (.6)
180	500	CD19FD181J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
180	1000	CDV19FF181J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
180	1,500	CDV30FH181J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
180	2,000	CDV30FJ181J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
200	500	CD10FD201J03	0.39 (9.9)	0.37 (9.4)	0.21 (5.3)	0.141 (3.6)	0.016 (.4)
200	500	CD15FD201J03	0.46 (11.7)	0.38 (9.7)	0.19 (4.8)	0.234 (5.9)	0.025 (.6)
200	1000	CDV19FF201J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
200	1500	CDV30FH201J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
200	2,000	CDV30FJ201J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
220	500	CD10FD221J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)
220	500	CD15FD221J03	0.46 (11.7)	0.38 (9.7)	0.20 (5.1)	0.234 (5.9)	0.025 (.6)
220	500	CD19FD221J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
220	1000	CDV19FF221J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)
220	1500	CDV30FH221J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
220	2,000	CDV30FJ221J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
240	500	CD10FD241J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)

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Cap	Volts	Catalog	L	H	T	S	d	Cap	Volts	Catalog	L	H	T	S	d
(pF)	(Vdc)	Part Number	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	(pF)	(Vdc)	Part Number	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
240	500	CD10FD241J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)	620	300	D103F621J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)
240	500	CD15FD241J03	0.46 (11.7)	0.38 (9.7)	0.20 (5.1)	0.234 (5.9)	0.025 (.6)	620	300	CD15FC621J03	0.46 (11.7)	0.38 (9.7)	0.21 (5.3)	0.234 (5.9)	0.025 (.6)
240	500	CD19FD241J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)	620	500	CD19FD621J03	0.65 (16.5)	0.51 (13.0)	0.20 (5.1)	0.344 (8.7)	0.032 (.8)
240	1,000	CDV19FF241J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)	620	1,500	CDV30FH621J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
240	1,500	CDV30FH241J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	620	2,000	CDV30FJ621J03	0.77 (19.6)	0.87 (22.1)	0.26 (6.6)	0.438 (11.1)	0.040 (1.0)
240	2000	CDV30FJ241J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	620	2500	CDV30FK621J03	0.78 (19.8)	0.87 (22.1)	0.27 (6.9)	0.438 (11.1)	0.040 (1.0)
250	500	CD10FD251J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)	680	300	D103F681J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)
250	500	CD15FD251J03	0.47 (11.9)	0.39 (9.9)	0.21 (5.3)	0.234 (5.9)	0.025 (.6)	680	300	CD15FC681J03	0.47 (11.9)	0.39 (9.9)	0.21 (5.3)	0.234 (5.9)	0.025 (.6)
250	500	CD19FD251J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)	680	500	CD19FD681J03	0.65 (16.5)	0.51 (13.0)	0.21 (5.3)	0.344 (8.7)	0.032 (.8)
270	300	CD10FC271J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)	680	1,000	CDV19FF681J03	0.66 (16.8)	0.52 (13.2)	0.22 (5.6)	0.344 (8.7)	0.032 (.8)
270	500	CD19FD271J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)	680	1,500	CDV30FH681J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
270	500	CD15F271J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)	680	2000	CDV30FJ681J03	0.77 (19.6)	0.87 (22.1)	0.26 (6.6)	0.438 (11.1)	0.040 (1.0)
270	500	CD15FD271J03	0.47 (11.9)	0.39 (9.9)	0.21 (5.3)	0.234 (5.9)	0.025 (.6)	680	2500	CDV30FK681J03	0.78 (19.8)	0.87 (22.1)	0.27 (6.9)	0.438 (11.1)	0.040 (1.0)
270	1,000	CDV19FF271J03	0.64 (16.3)	0.50 (12.7)	0.19 (4.8)	0.344 (8.7)	0.032 (.8)	750	300	D103F751J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)
270	1,500	CDV30FH271J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	750	300	CD15FC751J03	0.47 (11.9)	0.39 (9.9)	0.21 (5.3)	0.234 (5.9)	0.025 (.6)
270	2,000	CDV30FJ271J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	750	500	CD19FD751J03	0.65 (16.5)	0.51 (13.0)	0.21 (5.3)	0.344 (8.7)	0.032 (.8)
300	300	CD10FC301J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)	750	1,500	CDV30FH751J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)
300	500	D105F301J03	0.39 (9.9)	0.38 (9.7)	0.22 (5.6)	0.141 (3.6)	0.016 (.4)	750	2000	CDV30FJ751J03	0.77 (19.6)	0.87 (22.1)	0.26 (6.6)	0.438 (11.1)	0.040 (1.0)
300	500	CD15FD301J03	0.47 (11.9)	0.39 (9.9)	0.21 (5.3)	0.234 (5.9)	0.025 (.6)	750	2500	CDV30FK751J03	0.78 (19.8)	0.87 (22.1)	0.27 (6.9)	0.438 (11.1)	0.04

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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)	Cap (pF)	Volts (Vdc)	Catalog Part Number	L in (mm)	H in (mm)	T in (mm)	S in (mm)	d in (mm)
1600	2,000	CDV30FJ162J03	0.79 (20.1)	0.89 (22.6)	0.32 (8.1)	0.438 (11.1)	0.040 (1.0)	5100	500	CD19FD512J03	0.71 (18.0)	0.59 (15.0)	0.37 (9.4)	0.344 (8.7)	0.032 (.8)
1600	2,500	CDV30FK162J03	0.80 (20.3)	0.89 (22.6)	0.35 (8.9)	0.438 (11.1)	0.040 (1.0)	5100	500	CD30FD512J03	0.78 (19.8)	0.86 (21.8)	0.28 (7.1)	0.438 (11.1)	0.040 (1.0)
1800	500	CD19FD182J03	0.67 (17.0)	0.53 (13.5)	0.24 (6.1)	0.344 (8.7)	0.032 (.8)	5100	1,000	CDV30FF512J03	0.79 (20.1)	0.88 (22.4)	0.33 (8.4)	0.438 (11.1)	0.040 (1.0)
1800	1000	CDV19FF182J03	0.68 (17.3)	0.55 (14.0)	0.29 (7.4)	0.344 (8.7)	0.032 (.8)	5100	1500	CDV30FH512J03	0.81 (20.6)	0.90 (22.9)	0.39 (9.9)	0.438 (11.1)	0.040 (1.0)
1800	1500	CDV30FH182J03	0.78 (19.8)	0.87 (22.1)	0.29 (7.4)	0.438 (11.1)	0.040 (1.0)	5600	300	CD19FC562J03	0.68 (17.3)	0.56 (14.2)	0.31 (7.9)	0.344 (8.7)	0.032 (.8)
1800	2000	CDV30FJ182J03	0.79 (20.1)	0.89 (22.6)	0.34 (8.6)	0.438 (11.1)	0.040 (1.0)	5600	500	CD30FD562J03	0.78 (19.8)	0.87 (22.1)	0.29 (7.4)	0.438 (11.1)	0.040 (1.0)
1800	2500	CDV30FK182J03	0.81 (20.6)	0.90 (22.9)	0.37 (9.4)	0.438 (11.1)	0.040 (1.0)	5600	1,000	CDV30FF562J03	0.80 (20.3)	0.89 (22.6)	0.34 (8.6)	0.438 (11.1)	0.040 (1.0)
2000	500	CD19FD202J03	0.67 (17.0)	0.53 (13.5)	0.24 (6.1)	0.344 (8.7)	0.032 (.8)	5600	1,500	CDV30FH562J03	0.82 (20.8)	0.91 (23.1)	0.40 (10.2)	0.438 (11.1)	0.040 (1.0)
2000	500	CD30FD202J03	0.77 (19.6)	0.85 (21.6)	0.24 (6.1)	0.438 (11.1)	0.040 (1.0)	6200	300	CD19FC622J03	0.69 (17.5)	0.56 (14.2)	0.32 (8.1)	0.344 (8.7)	0.032 (.8)
2000	1000	CDV19FF202J03	0.68 (17.3)	0.56 (14.2)	0.30 (7.6)	0.344 (8.7)	0.032 (.8)	6800	300	CD19FC682J03	0.69 (17.5)	0.57 (14.5)	0.33 (8.4)	0.344 (8.7)	0.032 (.8)
2000	1,500	CDV30FH202J03	0.78 (19.8)	0.87 (22.1)	0.30 (7.6)	0.438 (11.1)	0.040 (1.0)	6200	500	CD30FD622J03	0.78 (19.8)	0.87 (22.1)	0.29 (7.4)	0.438 (11.1)	0.040 (1.0)
2100	2,000	CDV30FJ212J03	0.80 (20.3)	0.90 (22.9)	0.36 (9.1)	0.438 (11.1)	0.040 (1.0)	6200	1,000	CDV30FF622J03	0.80 (20.3)	0.89 (22.6)	0.35 (8.9)	0.438 (11.1)	0.040 (1.0)
2100	2,500	CDV30FK212J03	0.82 (20.8)	0.91 (23.1)	0.39 (9.9)	0.438 (11.1)	0.040 (1.0)	6200	1,500	CDV30FH622J03	0.82 (20.8)	0.91 (23.1)	0.41 (10.4)	0.438 (11.1)	0.040 (1.0)
2200	500	CD19FD222J03	0.67 (17.0)	0.53 (13.5)	0.25 (6.4)	0.344 (8.7)	0.032 (.8)	6800	500	CD30FD682J03	0.78 (19.8)	0.88 (22.4)	0.30 (7.6)	0.438 (11.1)	0.040 (1.0)
2200	500	CD30FD222J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	6800	1000	CDV30FF682J03	0.80 (20.3)	0.89 (22.6)	0.36 (9.1)	0.438 (11.1)	0.040 (1.0)
2200	1000	CDV19FF222J03	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	0.344 (8.7)	0.032 (.8)	6800	1500	CDV30FH682J03	0.83 (21.1)	0.92 (23.4)	0.42 (10.7)	0.438 (11.1)	0.040 (1.0)
2200	1,500	CDV30FH222J03	0.79 (20.1)	0.88 (22.4)	0.31 (7.9)	0.438 (11.1)	0.040 (1.0)	7500	100	CD19FA752J03	0.70 (17.8)	0.57 (14.5)	0.34 (8.6)	0.344 (8.7)	0.032 (.8)
2400	500	CD19FD242J03	0.67 (17.0)	0.54 (13.7)	0.26 (6.6)	0.344 (8.7)	0.032 (.8)	7500	500	CD30FD752J03	0.79 (20.1)	0.88 (22.4)	0.31 (7.9)	0.438 (11.1)	0.040 (1.0)
2400	500	CD30FD242J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	7500	1,000	CDV30FF752J03	0.81 (20.6)	0.89 (22.6)	0.37 (9.4)	0.438 (11.1)	0.040 (1.0)
2400	1000	CDV19FF242J03	0.69 (17.5)	0.57 (14.5)	0.32 (8.1)	0.344 (8.7)	0.032 (.8)	7500	1500	CDV30FH752J03	0.83 (21.1)	0.92 (23.4)	0.42 (10.7)	0.438 (11.1)	0.040 (1.0)
2400	1,500	CDV30FH242J03	0.79 (20.1)	0.88 (22.4)	0.32 (8.1)	0.438 (11.1)	0.040 (1.0)	8200	100	CD19FA822J03	0.70 (17.8)	0.58 (14.7)	0.35 (8.9)	0.344 (8.7)	0.032 (.8)
2400	2,000	CDV30FJ242J03	0.80 (20.3)	0.90 (22.9)	0.38 (9.7)	0.438 (11.1)	0.040 (1.0)	8200	500	CD30FD822J03	0.79 (20.1)	0.88 (22.4)	0.32 (8.1)	0.438 (11.1)	0.040 (1.0)
2400	2,500	CDV30FK242J03	0.82 (20.8)	0.91 (23.1)	0.42 (10.7)	0.438 (11.1)	0.040 (1.0)	8200	1,000	CDV30FF822J03	0.81 (20.6)	0.90 (22.9)	0.39 (9.9)	0.438 (11.1)	0.040 (1.0)
2500	500	CD19FD252J03	0.68 (17.3)	0.54 (13.7)	0.26 (6.6)	0.344 (8.7)	0.032 (.8)	8200	1500	CDV30FH822J03	0.84 (21.3)	0.93 (23.6)	0.46 (11.7)	0.438 (11.1)	0.040 (1.0)
2500	500	CD30FD252J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	9100	100	CD19FA912J03	0.71 (18.0)	0.59 (15.0)	0.36 (9.1)	0.344 (8.7)	0.032 (.8)
2500	1500	CDV30FH252J03	0.79 (20.1)	0.88 (22.4)	0.32 (8.1)	0.438 (11.1)	0.040 (1.0)	9100	500	CD30FD912J03	0.79 (20.1)	0.88 (22.4)	0.33 (8.4)	0.438 (11.1)	0.040 (1.0)
2500	2,000	CDV30FJ252J03	0.80 (20.3)	0.90 (22.9)	0.38 (9.7)	0.438 (11.1)	0.040 (1.0)	9100	1,000	CDV30FF912J03	0.82 (20.8)	0.90 (22.9)	0.41 (10.4)	0.438 (11.1)	0.040 (1.0)
2500	2,500	CDV30FK252J03	0.82 (20.8)	0.91 (23.1)	0.42 (10.7)	0.438 (11.1)	0.040 (1.0)	10000	100	CD19FA103J03	0.72 (18.3)	0.60 (15.2)	0.37 (9.4)	0.344 (8.7)	0.032 (.8)
2700	500	CD19FD272J03	0.68 (17.3)	0.54 (13.7)	0.27 (6.9)	0.344 (8.7)	0.032 (.8)	10000	500	CD30FD103J03	0.80 (20.3)	0.89 (22.6)	0.34 (8.6)	0.438 (11.1)	0.040 (1.0)
2700	500	CD30FD272J03	0.77 (19.6)	0.85 (21.6)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	10000	1000	CDV30FF103J03	0.82 (20.8)	0.91 (23.1)	0.42 (10.7)	0.438 (11.1)	0.040 (1.0)
2700	1,000	CDV19FF272J03	0.70 (17.8)	0.57 (14.5)	0.34 (8.6)	0.344 (8.7)	0.032 (.8)	11000	500	CD30FD113J03	0.80 (20.3)	0.89 (22.6)	0.35 (8.9)	0.438 (11.1)	0.040 (1.0)
2700	1,500	CDV30FH272J03	0.79 (20.1)	0.88 (22.4)	0.33 (8.4)	0.438 (11.1)	0.040 (1.0)	11000	1,000	CDV30FF113J03	0.83 (21.1)	0.91 (23.1)	0.44 (11.2)	0.438 (11.1)	0.040 (1.0)
2700	2,000	CDV30FJ272J03	0.81 (20.6)	0.91 (23.1)	0.40 (10.2)	0.438 (11.1)	0.040 (1.0)	12000	500	CD30FD123J03	0.80 (20.3)	0.89 (22.6)	0.36 (9.1)	0.438 (11.1)	0.040 (1.0)
2700	2500	CDV30FK272J03	0.83 (21.1)	0.92 (23.4)	0.45 (11.4)	0.438 (11.1)	0.040 (1.0)	12000	1000	CDV30FF123J03	0.83 (21.1)	0.92 (23.4)	0.46 (11.7)	0.438 (11.1)	0.040 (1.0)
3000	500	CD19FD302J03	0.68 (17.3)	0.55 (14.0)	0.28 (7.1)	0.344 (8.7)	0.032 (.8)	13000	500	CD30FD133J03	0.81 (20.6)	0.89 (22.6)	0.37 (9.4)	0.438 (11.1)	0.040 (1.0)
3000	500	CD30FD302J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	13000	1000	CDV30FF133J03	0.84 (21.3)	0.93 (23.6)	0.48 (12.2)	0.438 (11.1)	0.040 (1.0)
3000	1,000	CDV19FF302J03	0.71 (18.0)	0.58 (14.7)	0.36 (9.1)	0.344 (8.7)	0.032 (.8)	15000	500	CD30FD153J03	0.81 (20.6)	0.90 (22.9)	0.39 (9.9)	0.438 (11.1)	0.040 (1.0)
3000	1,500	CDV30FH302J03	0.80 (20.3)	0.89 (22.6)	0.34 (8.6)	0.438 (11.1)	0.040 (1.0)	16000	500	CD30FD163J03	0.82 (20.8)	0.90 (22.9)	0.41 (10.4)	0.438 (11.1)	0.040 (1.0)
3000	2,000	CDV30FJ302J03	0.81 (20.6)	0.91 (23.1)	0.42 (10.7)	0.438 (11.1)	0.040 (1.0)	18000	500	CD30FD183J03	0.82 (20.8)	0.91 (23.1)	0.43 (10.9)	0.438 (11.1)	0.040 (1.0)
3000	2500	CDV30FK302J03	0.84 (21.3)	0.93 (23.6)	0.48 (12.2)	0.438 (11.1)	0.040 (1.0)	20000	500	CD30FD203J03	0.83 (21.1)	0.92 (23.4)	0.45 (11.4)	0.438 (11.1)	0.040 (1.0)
3300	500	CD19FD332J03	0.68 (17.3)	0.55 (14.0)	0.29 (7.4)	0.344 (8.7)	0.032 (.8)	20000	500	CD42FD203J03	1.42 (36.1)	0.87 (22.1)	0.30 (7.6)	1.063 (27.0)	0.040 (1.0)
3300	500	CD30FD332J03	0.77 (19.6)	0.86 (21.8)	0.25 (6.4)	0.438 (11.1)	0.040 (1.0)	22000	500	CD30FD223J03	0.83 (21.1)	0.93 (23.6)	0.46 (11.7)	0.438 (11.1)	0.040 (1.0)
3300	1,000	CDV19FF332J03	0.72 (18.3)	0.59 (15.0)	0.38 (9.7)	0.344 (8.7)	0.032 (.8)	22000	500	CD42FD223J03	1.42 (36.1)	0.88 (22.4)	0.31 (7.9)	1.063 (27.0)	0.040 (1.0)
3300	1500	CDV30FH332J03	0.80 (20.3)	0.89 (22.6)	0.35 (8.9)	0.438 (11.1)	0.040 (1.0)	24000	300	CD30FC243J03	0.82 (20.8)	0.90 (22.9)	0.41 (10.4)	0.438 (11.1)	0.040 (1.0)
3300	2000	CDV30FJ332J03	0.82 (20.8)	0.92 (23.4)	0.44 (11.2)	0.438 (11.1)	0.040 (1.0)	24000	500	CD42FD243J03	1.43 (36.3)	0.88 (22.4)	0.32 (8.1)	1.063 (27.0)	0.040 (1.0)
3600	500	CD19FD362J03	0.68 (17.3)	0.56 (14.2)	0.30 (7.6)	0.344 (8.7)	0.032 (.8)	25000	300	CD30FC253J03	0.82 (20.8)	0.91 (23.1)	0.43 (10.9)	0.438 (11.1)	0.040 (1.0)
3600	500	CD30FD362J03	0.77 (19.6)	0.86 (21.8)	0.26 (6.6)	0.438 (11.1)	0.040 (1.0)	25000	500	CD42FD253J03	1.43 (36.3)	0.88 (22.4)	0.33 (8.4)	1.063 (27.0)	0.040 (1.0)
3600	1,000	CDV19FF362J03	0.73 (18.5)	0.60 (15.2)	0.40 (10.2)	0.344 (8.7)	0.032 (.8)	27000	300	CD30FA273J03	0.82 (20.8)	0.91 (23.1)	0.43 (10.9)	0.438 (11.1)	0.040 (1.0)
3600	1,500	CDV30FH362J03	0.80 (20.3)	0.89 (22.6)	0.35 (8.9)	0.438 (11.1)	0.040 (1.0)	27000	500	CD42FD273J03	1.43 (36.3)	0.88 (22.4)	0.33 (8.4)	1.063 (27.0)	0.040 (1.0)
3600	2000	CDV30FJ362J03	0.82 (20.8)	0.92 (23.4)	0.44 (11.2)	0.438 (11.1)	0.040 (1.0)	30000	300	CD30FC303J03	0.83 (21.1)	0.92 (23.4)	0.46 (11.7)	0.438 (11.1)	0.040 (1.0)
3900	500	CD19FD392J03	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	0.344 (8.7)	0.032 (.8)	30000	500	CD42FD303J03	1.44 (36.6)	0.89 (22.6)	0.35 (8.9)	1.063 (27.0)	0.040 (1.0)
3900	500	CD30FD392J03	0.77 (19.6)	0.86 (21.8)	0.26 (6.6)	0.438 (11.1)	0.040 (1.0)	33000	100	CD30FA333J03	0.83 (21.1)	0.91 (23.1)	0.44 (11.2)	0.438 (11.1)	0.040 (1.0)
3900	1,000	CDV19FF392J03	0.74 (18.8)	0.61 (15.5)	0.42 (10.7)	0.344 (8.7)	0.032 (.8)	33000	500	CD42FD333J03	1.44 (36.6)	0.89 (22.6)	0.36 (9.1)	1.063 (27.0)	0.040 (1.0)
3900	1500	CDV30FH392J03	0.80 (20.3)	0.89 (22.6)	0.36 (9.1)	0.438 (11.1)	0.040 (1.0)	36000	100	CD30FA363J03	0.83 (21.1)	0.92 (23.4)	0.45 (11.4)	0.438 (11.1)	0.040 (1.0)
3900	2000	CDV30FJ392J03	0.83 (21.1)	0.93 (23.6)	0.46 (11.7)	0.438 (11.1)	0.040 (1.0)	36000	500	CD42FD363J03	1.45 (36.8)	0.90 (22.9)	0.38 (9.7)	1.063 (27.0)	0.040 (1.0)
4300	500	CD19FD432J03	0.69 (17.5)	0.57 (14.5)	0.33 (8.4)	0.344 (8.7)	0.032 (.8)	39000	500	CD42FD393J03	1.45 (36.8)	0.90 (22.9)	0.40 (10.2)	1.063 (27.0)	0.040 (1.0)
4300	500	CD30FD432J03	0.78 (19.8)	0.86 (21.8)	0.27 (6.9)	0.438 (11.1)	0.040 (1.0)	40000	100	CD30FA403J03	0.84 (21.3)	0.92 (23.4)	0.47 (11.9)	0.438 (11.1)	0.040 (1.0)
4300	1,000	CDV19FF432J03	0.75 (19.1)	0.62 (15.7)	0.44 (11.2)	0.344 (8.7)	0.032 (.								

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				Vibration Grade		
Code	Temp. Coeff. ppm/ °C	Capacitance Drift	Standard Cap. Range	No.	MIL-STD-202	Vibration Condition (Hz)
C	-200 to +200	±(0.5% +0.1 pF)	1-18 pF	1	Method 201	10 to 55
E	-20 to +100	±(0.1% +0.1 pF)	20-82 pF	3	Method 204	10 to 2,000
F	0 to +70	±(0.05% +0.1 pF)	91 pF and up		Condition D	

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 $\pm\frac{1}{2}$ pF for less than 10 pF and $\pm 5\%$ 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.