

Miniature Dipped, Mica Capacitors

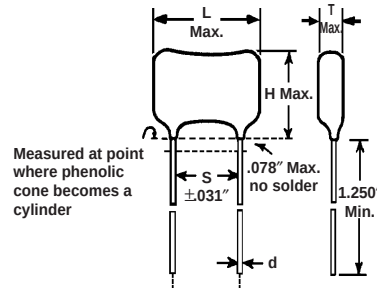
Types CD5, CD6, CD7, CDS5, CDS10, D7, CDS15, CDS19, CDS30



CDE miniature dipped silvered mica capacitors fit those tight spots in modules and high-density electronics. In low- and moderate-humidity applications, these small sizes deliver the same stability and rugged performance as the standard dipped units.

Performance Highlights

- Voltage Range: 50 Vdc to 500 Vdc
- Capacitance Range: 1 pF to 40,000 pF
- Capacitance Tolerance: $\pm 1/2$ pF (D), $\pm 1/2\%$ (E), ± 1 pF (C), $\pm 1\%$ (F), $\pm 2\%$ (G), $\pm 5\%$ (J)
- Temperature Range: -55°C to $+125^{\circ}\text{C}$
- 20,000 V/ μs dV/dt pulse capability minimum



Ratings and Dimensions

Radial Leaded
Mica Capacitors

Cap pF	Catalog Number	Volt Rate	L Inches (mm)	H Inches (mm)	T Inches (mm)	S Inches (mm)	d Inches (mm)
1	CD5CC010D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
1	CD5SC010D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
1	CD6CD010D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
1	CDS10CD010D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
1	CDS15CD010D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
2	CD6CC020D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
2	CD5SC020D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
2	CD6CD020D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
2	CDS10CD020D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
2	CDS15CD020D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
3	CD6CC030D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
3	CD5SC030D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
3	CD6CD030D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
3	CDS10CD030D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
3	CDS15CD030D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
4	CD5CC040D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
4	CD5SC040D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
4	CD6CD040D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
4	CDS10CD040D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
4	CDS15CD040D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
5	CD6CC050D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
5	CD5SC050D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
5	CD6CD050D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
5	CDS10CD050D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
5	CDS15CD050D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
6	CD6CC060D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
6	CD5SC060D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
6	CD6CD060D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
6	CDS10CD060D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
6	CDS15CD060D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
7	CD5CC070D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
7	CD5SC070D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
7	CD6CD070D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
7	CDS10CD070D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
7	CDS15CD070D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
8	CD5CC080D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
8	CD5SC080D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
8	CD6CD080D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
8	CDS10CD080D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
8	CDS15CD080D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
9	CD5CC090D03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
9	CD5SC090D03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
9	CD6CD090D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
9	CDS10CD090D03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
9	CDS15CD090D03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.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)
10	CD5CC100J03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
10	CD5SC100J03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
10	CD6CD100D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
10	CDS10CD100J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
10	CDS15CD100J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
11	CD5CC110J03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
11	CD5SC110J03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
11	CD6CD110D03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
11	CDS10CD110J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
11	CDS15CD110J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
12	CD5CC120J03	300	.270 (6.9)	.190 (4.8)	.110 (2.8)	.120 (3.0)	.016 (.4)
12	CD5SC120J03	300	.250 (6.4)	.160 (4.1)	.090 (2.3)	.120 (3.0)	.016 (.4)
12	CD6CD120J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
12	CDS10CD120J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
12	CDS15CD120J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
15	CD5CC150J03	300	.270 (6.9)	.190 (4.8)	.120 (3.0)	.120 (3.0)	.016 (.4)
15	CD5SC150J03	300	.250 (6.4)	.170 (4.3)	.100 (2.5)	.120 (3.0)	.016 (.4)
15	CD6CD150J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
15	CDS10CD150J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
15	CDS15CD150J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
18	CD5CC180J03	300	.270 (6.9)	.200 (5.1)	.120 (3.0)	.120 (3.0)	.016 (.4)
18	CD5SC180J03	300	.250 (6.4)	.170 (4.3)	.100 (2.5)	.120 (3.0)	.016 (.4)
18	CD6CD180J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
18	CDS10CD180J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
18	CDS15CD180J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
20	CD5EC200J03	300	.270 (6.9)	.200 (5.1)	.120 (3.0)	.120 (3.0)	.016 (.4)
20	CD5EC220J03	300	.250 (6.4)	.170 (4.3)	.100 (2.5)	.120 (3.0)	.016 (.4)
20	CD6ED200J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
20	CDS10ED200J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
20	CDS15ED200J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
22	CD5EC220J03	300	.270 (6.9)	.200 (5.1)	.120 (3.0)	.120 (3.0)	.016 (.4)
22	CD5EC220J03	300	.250 (6.4)	.170 (4.3)	.100 (2.5)	.120 (3.0)	.016 (.4)
22	CD6ED220J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
22	CDS10ED220J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
22	CDS15ED220J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
24	CD5EC240J03	300	.270 (6.9)	.200 (5.1)	.120 (3.0)	.120 (3.0)	.016 (.4)
24	CD5EC240J03	300	.250 (6.4)	.170 (4.3)	.100 (2.5)	.120 (3.0)	.016 (.4)
24	CD6ED240J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
24	CDS10ED240J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
24	CDS15ED240J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)
27	CD5EC270J03	300	.270 (6.9)	.200 (5.1)	.130 (3.3)	.120 (3.0)	.016 (.4)
27	CD5EC270J03	300	.250 (6.4)	.170 (4.3)	.110 (2.8)	.120 (3.0)	.016 (.4)
27	CD6ED270J03	500	.275 (7.0)	.175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (.4)
27	CDS10ED270J03	500	.310 (7.9)	.260 (6.6)	.120 (3.0)	.141 (3.6)	.016 (.4)
27	CDS15ED270J03	500	.430 (10.9)	.280 (7.1)	.140 (3.6)	.234 (5.9)	.025 (.6)

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CDE **CORNELL
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Your Source For Capacitor Solutions

Ratings and Dimensions

Cap pF	Catalog Number	Volt Rate	L Inches (mm)	H Inches (mm)	T Inches (mm)	S Inches (mm)	d Inches (mm)
30	CD5EC300J03	300	270 (6.9)	200 (5.1)	130 (3.3)	120 (3.0)	.016 (4)
30	CDSSCE300J03	300	250 (6.4)	170 (4.3)	110 (2.8)	120 (3.0)	.016 (4)
30	CD6ED300J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
30	CD1S10ED300J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
30	CD1S15ED300J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
33	CD5EC330J03	300	270 (6.9)	200 (5.1)	130 (3.3)	120 (3.0)	.016 (4)
33	CDSSCE330J03	300	250 (6.4)	170 (4.3)	110 (2.8)	120 (3.0)	.016 (4)
33	CD6ED330J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
33	CD1S10ED330J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
33	CD1S15ED330J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
36	CD5EC360J03	300	270 (6.9)	210 (5.3)	130 (3.3)	120 (3.0)	.016 (4)
36	CDSSCE360J03	300	250 (6.4)	170 (4.3)	110 (2.8)	120 (3.0)	.016 (4)
36	CD6ED360J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
36	CD1S10ED360J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
36	CD1S15ED360J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
39	CD5EC390J03	300	270 (6.9)	210 (5.3)	130 (3.3)	120 (3.0)	.016 (4)
39	CDSSCE390J03	300	250 (6.4)	170 (4.3)	110 (2.8)	120 (3.0)	.016 (4)
39	CD6ED390J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
39	CD1S10ED390J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
39	CD1S15ED390J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
43	CD5EC430J03	300	270 (6.9)	210 (5.3)	140 (3.6)	120 (3.0)	.016 (4)
43	CDSSCE430J03	300	250 (6.4)	170 (4.3)	120 (3.0)	120 (3.0)	.016 (4)
43	CD6ED430J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
43	CD1S10ED430J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
43	CD1S15ED430J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
47	CD5EC470J03	300	270 (6.9)	210 (5.3)	140 (3.6)	120 (3.0)	.016 (4)
47	CDSSCE470J03	300	250 (6.4)	170 (4.3)	120 (3.0)	120 (3.0)	.016 (4)
47	CD6ED470J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
47	CD1S10ED470J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
47	CD1S15ED470J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
50	CD6ED500J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
50	CD1S10ED500J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
50	CD1S15ED500J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
51	CD5EC510J03	300	270 (6.9)	210 (5.3)	140 (3.6)	120 (3.0)	.016 (4)
51	CDSSCE510J03	300	250 (6.4)	170 (4.3)	120 (3.0)	120 (3.0)	.016 (4)
51	CD6ED510J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
51	CD1S10ED510J03	500	310 (7.9)	260 (6.6)	120 (3.0)	.141 (3.6)	.016 (4)
51	CD1S15ED510J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
56	CD5EC560J03	300	270 (6.9)	220 (5.6)	150 (3.8)	120 (3.0)	.016 (4)
56	CDSSCE560J03	300	250 (6.4)	180 (4.6)	130 (3.3)	120 (3.0)	.016 (4)
56	CD6ED560J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
56	CD1S10ED560J03	500	310 (7.9)	260 (6.6)	130 (3.3)	.141 (3.6)	.016 (4)
56	CD1S15ED560J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
62	CD5EC620J03	300	270 (6.9)	220 (5.6)	150 (3.8)	120 (3.0)	.016 (4)
62	CDSSCE620J03	300	250 (6.4)	180 (4.6)	130 (3.3)	120 (3.0)	.016 (4)
62	CD6ED620J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
62	CD1S10ED620J03	500	310 (7.9)	260 (6.6)	130 (3.3)	.141 (3.6)	.016 (4)
62	CD1S15ED620J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
68	CD5EC680J03	300	270 (6.9)	220 (5.6)	150 (3.8)	120 (3.0)	.016 (4)
68	CDSSCE680J03	300	250 (6.4)	180 (4.6)	130 (3.3)	120 (3.0)	.016 (4)
68	CD6ED680J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
68	CD1S10ED680J03	500	310 (7.9)	260 (6.6)	130 (3.3)	.141 (3.6)	.016 (4)
68	CD1S15ED680J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
75	CD5EC750J03	300	270 (6.9)	230 (5.8)	160 (4.1)	120 (3.0)	.016 (4)
75	CDSSCE750J03	300	250 (6.4)	190 (4.8)	140 (3.6)	120 (3.0)	.016 (4)
75	CD6ED750J03	500	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)
75	CD1S10ED750J03	500	310 (7.9)	260 (6.6)	130 (3.3)	.141 (3.6)	.016 (4)
75	CD1S15ED750J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
82	CD5EC820J03	300	270 (6.9)	230 (5.8)	160 (4.1)	120 (3.0)	.016 (4)
82	CD6SE820J03	300	250 (6.4)	190 (4.8)	.095 (2.4)	.172 (4.4)	.016 (4)
82	CD5ED820J03	300	275 (7.0)	175 (4.4)	140 (3.6)	120 (3.0)	.016 (4)
82	CD1S10ED820J03	500	310 (7.9)	260 (6.6)	130 (3.3)	.141 (3.6)	.016 (4)
82	CD1S15ED820J03	500	430 (10.9)	280 (7.1)	140 (3.6)	.234 (5.9)	.025 (6)
91	CD5FC91J03	300	270 (6.9)	230 (5.8)	170 (4.3)	120 (3.0)	.016 (4)
91	CD6FC91J03	300	275 (7.0)	190 (4.8)	.095 (2.4)	.172 (4.4)	.016 (4)
91	CD5SF910J03	300	250 (6.4)	175 (4.4)	150 (3.8)	120 (3.0)	.016 (4)
91	CD10FD91J03	500	310 (7.9)	260 (6.6)	130 (3.3)	.141 (3.6)	.016 (4)
91	CD1S15FD91J03	500	430 (10.9)	280 (7.1)	150 (3.8)	.234 (5.9)	.025 (6)
100	CD5FC101J03	300	270 (6.9)	240 (6.1)	180 (4.6)	120 (3.0)	.016 (4)
100	CD6FC101J03	300	275 (7.0)	175 (4.4)	.095 (2.4)	.172 (4.4)	.016 (4)

Cap pF	Catalog Number	Volt Rate	L Inches (mm)	H Inches (mm)	T Inches (mm)	S Inches (mm)	d Inches (mm)
100	CDS5FC101J03	300	250 (.64)	200 (.51)	.160 (.41)	.120 (.30)	.016 (.4)
100	CDS10FD101J03	500	320 (.81)	260 (.66)	.130 (.33)	.141 (.36)	.016 (.4)
100	CDS15FD101J03	500	430 (.19)	280 (.71)	.150 (.38)	.234 (.59)	.025 (.6)
110	CDS5FC111J03	300	270 (.69)	240 (.61)	.180 (.46)	.120 (.30)	.016 (.4)
110	CDS6FC111J03	300	275 (.70)	.175 (.44)	.095 (.24)	.172 (.44)	.016 (.4)
110	CDS5FC111J03	300	250 (.64)	240 (.61)	.180 (.46)	.120 (.30)	.016 (.4)
110	CDS10FD111J03	500	320 (.81)	260 (.66)	.130 (.33)	.141 (.36)	.016 (.4)
110	CDS15FD111J03	500	440 (.112)	290 (.74)	.150 (.38)	.234 (.59)	.025 (.6)
120	CDS5FC121J03	300	270 (.69)	250 (.64)	.190 (.48)	.120 (.30)	.016 (.4)
120	CDS6FC121J03	300	275 (.70)	.175 (.44)	.095 (.24)	.172 (.44)	.016 (.4)
120	CDS5FC121J03	300	250 (.64)	250 (.64)	.190 (.48)	.120 (.30)	.016 (.4)
120	CDS10FD121J03	500	320 (.81)	260 (.66)	.140 (.36)	.141 (.36)	.016 (.4)
120	CDS15FD121J03	500	440 (.112)	290 (.74)	.150 (.38)	.234 (.59)	.025 (.6)
130	CDS5FA131J03	100	270 (.69)	230 (.58)	.160 (.41)	.120 (.30)	.016 (.4)
130	CDS5FA131J03	100	250 (.64)	190 (.48)	.140 (.36)	.120 (.30)	.016 (.4)
130	CDS7FD131J03	500	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
130	CDS10FD131J03	500	320 (.81)	260 (.66)	.140 (.36)	.141 (.36)	.016 (.4)
130	CDS15FD131J03	500	440 (.112)	290 (.74)	.150 (.38)	.234 (.59)	.025 (.6)
150	CDS5FA151J03	100	270 (.69)	230 (.58)	.170 (.43)	.120 (.30)	.016 (.4)
150	CDS5FA151J03	100	250 (.64)	190 (.48)	.150 (.38)	.120 (.30)	.016 (.4)
150	CDS7FD151J03	500	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
150	CDS10FD151J03	500	320 (.81)	260 (.66)	.140 (.36)	.141 (.36)	.016 (.4)
150	CDS15FD151J03	500	440 (.112)	290 (.74)	.150 (.38)	.234 (.59)	.025 (.6)
160	CDS5FA161J03	100	270 (.69)	240 (.61)	.170 (.43)	.120 (.30)	.016 (.4)
160	CDS5FA161J03	100	250 (.64)	200 (.51)	.150 (.38)	.120 (.30)	.016 (.4)
160	CDS7FD161J03	500	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
160	CDS10FD161J03	500	320 (.81)	260 (.66)	.140 (.36)	.141 (.36)	.016 (.4)
160	CDS15FD161J03	500	440 (.112)	290 (.74)	.150 (.38)	.234 (.59)	.025 (.6)
180	CDS5FA181J03	100	270 (.69)	240 (.61)	.180 (.46)	.120 (.30)	.016 (.4)
180	CDS5FA181J03	100	250 (.64)	200 (.51)	.160 (.41)	.120 (.30)	.016 (.4)
180	CDS7FD181J03	500	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
180	CDS10FD181J03	500	320 (.81)	260 (.66)	.140 (.36)	.141 (.36)	.016 (.4)
180	CDS15FD181J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
200	CDS5FA201J03	100	270 (.69)	250 (.64)	.190 (.48)	.120 (.30)	.016 (.4)
200	CDS5FA201J03	100	250 (.64)	200 (.51)	.170 (.43)	.120 (.30)	.016 (.4)
200	CDS7FC201J03	300	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
200	CDS10FD201J03	500	330 (.84)	270 (.69)	.150 (.38)	.141 (.36)	.016 (.4)
200	CDS15FD201J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
220	CDS5FY221J03	50	270 (.69)	220 (.56)	.150 (.38)	.120 (.30)	.016 (.4)
220	CDS5FY221J03	50	250 (.64)	190 (.48)	.130 (.33)	.120 (.30)	.016 (.4)
220	CDS7FC221J03	300	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
220	CDS10FD221J03	500	330 (.84)	270 (.69)	.150 (.38)	.141 (.36)	.016 (.4)
220	CDS15FD221J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
240	CDS5FY241J03	50	270 (.69)	220 (.56)	.160 (.41)	.120 (.30)	.016 (.4)
240	CDS5FY241J03	50	250 (.64)	190 (.48)	.140 (.36)	.120 (.30)	.016 (.4)
240	CDS7FC241J03	300	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
240	CDS10FD241J03	500	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)
240	CDS15FD241J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
250	CDS5FY251J03	50	270 (.69)	220 (.56)	.160 (.41)	.120 (.30)	.016 (.4)
250	CDS5FY251J03	50	250 (.64)	190 (.48)	.140 (.36)	.120 (.30)	.016 (.4)
250	CDS10FD251J03	500	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)
250	CDS15FD251J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
270	CDS5FY271J03	50	270 (.69)	230 (.58)	.160 (.41)	.120 (.30)	.016 (.4)
270	CDS5FY271J03	50	250 (.64)	190 (.48)	.140 (.36)	.120 (.30)	.016 (.4)
270	CDS7FC271J03	300	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
270	CDS10FC271J03	300	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)
270	D75F271J03	500	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)
270	CDS15FD271J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
270	CDS19FD271J03	500	610 (.155)	450 (.114)	.130 (.33)	.344 (.87)	.032 (.8)
300	CDS5FY301J03	50	270 (.69)	230 (.58)	.170 (.43)	.120 (.30)	.016 (.4)
300	CDS5FY301J03	50	250 (.64)	190 (.48)	.150 (.38)	.120 (.30)	.016 (.4)
300	CDS7FC301J03	300	265 (.67)	260 (.66)	.110 (.28)	.172 (.44)	.016 (.4)
300	CDS10FC301J03	300	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)
300	D75F301J03	500	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)
300	CDS15FD301J03	500	440 (.112)	290 (.74)	.160 (.41)	.234 (.59)	.025 (.6)
300	CDS19FD301J03	500	610 (.155)	450 (.114)	.130 (.33)	.344 (.87)	.032 (.8)
330	CDS5FY331J03	50	270 (.69)	240 (.61)	.180 (.46)	.120 (.30)	.016 (.4)
330	CDS5FY331J03	50	250 (.64)	190 (.48)	.160 (.41)	.120 (.30)	.016 (.4)
330	D7FA331J03	100	275 (.70)	260 (.66)	.125 (.32)	.172 (.44)	.016 (.4)
330	CDS10FA331J03	100	340 (.86)	270 (.69)	.160 (.41)	.141 (.36)	.016 (.4)

Radial Leaded Mica Capacitors

Miniature Dipped, 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)
330	D75F331J03	500	.340 (8.6)	.270 (6.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
330	CDS19FD331J03	500	.440 (11.2)	.290 (7.4)	.160 (4.1)	.234 (5.9)	.025 (.6)
330	CDS19FD331J03	500	.610 (15.5)	.450 (11.4)	.130 (3.3)	.334 (8.7)	.032 (.8)
360	CD5FY361J03	50	.270 (6.9)	.240 (6.1)	.190 (4.8)	.120 (3.0)	.016 (.4)
360	CDS5FY361J03	50	.250 (6.4)	.190 (4.8)	.160 (4.1)	.120 (3.0)	.016 (.4)
360	CD7FA361J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
360	CDS10FA361J03	100	.340 (8.6)	.270 (6.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
360	D75F361J03	500	.340 (8.6)	.270 (6.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
360	CDS19FD361J03	500	.440 (11.2)	.290 (7.4)	.160 (4.1)	.234 (5.9)	.025 (.6)
360	CDS19FD361J03	500	.610 (15.5)	.450 (11.4)	.140 (3.6)	.344 (8.7)	.032 (.8)
390	CD5FY391J03	50	.270 (6.9)	.250 (6.4)	.190 (4.8)	.120 (3.0)	.016 (.4)
390	CDS5FY391J03	50	.250 (6.4)	.190 (4.8)	.170 (4.3)	.120 (3.0)	.016 (.4)
390	CD7FA391J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
390	CDS10FA391J03	100	.340 (8.6)	.270 (6.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
390	D75F391J03	500	.340 (8.6)	.270 (6.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
390	CDS19FD391J03	500	.440 (11.2)	.290 (7.4)	.160 (4.1)	.234 (5.9)	.025 (.6)
390	CDS19FD391J03	500	.610 (15.5)	.450 (11.4)	.140 (3.6)	.344 (8.7)	.032 (.8)
400	CD5FY401J03	50	.270 (6.9)	.250 (6.4)	.190 (4.8)	.120 (3.0)	.016 (.4)
400	CDS5FY401J03	50	.250 (6.4)	.190 (4.8)	.170 (4.3)	.120 (3.0)	.016 (.4)
400	CDS10FA401J03	100	.340 (8.6)	.270 (6.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
430	CD7FA431J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
430	D75F431J03	500	.340 (8.6)	.310 (7.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
430	CDS19FD431J03	500	.440 (11.2)	.290 (7.4)	.160 (4.1)	.234 (5.9)	.025 (.6)
430	CDS19FD431J03	500	.610 (15.5)	.450 (11.4)	.140 (3.6)	.344 (8.7)	.032 (.8)
470	CD7FA471J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
470	D75F471J03	500	.340 (8.6)	.310 (7.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
470	CDS19FD471J03	500	.440 (11.2)	.300 (7.6)	.160 (4.1)	.234 (5.9)	.025 (.6)
470	CDS19FD471J03	500	.610 (15.5)	.450 (11.4)	.140 (3.6)	.344 (8.7)	.032 (.8)
470	CDS30FD471J03	500	.720 (18.3)	.790 (20.1)	.180 (4.6)	.438 (11.1)	.040 (1.0)
500	D75F501J03	500	.340 (8.6)	.310 (7.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
500	CDS19FD501J03	500	.440 (11.2)	.300 (7.6)	.160 (4.1)	.234 (5.9)	.025 (.6)
500	CDS19FD501J03	500	.610 (15.5)	.450 (11.4)	.140 (3.6)	.344 (8.7)	.032 (.8)
510	CD7FA511J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
510	D75F511J03	500	.340 (8.6)	.310 (7.9)	.160 (4.1)	.141 (3.6)	.016 (.4)
510	CDS19FD511J03	500	.440 (11.2)	.300 (7.6)	.160 (4.1)	.234 (5.9)	.025 (.6)
510	CDS19FD511J03	500	.610 (15.5)	.450 (11.4)	.140 (3.6)	.344 (8.7)	.032 (.8)
560	CD7FA561J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
560	D73F561J03	300	.340 (8.6)	.310 (7.9)	.160 (4.1)	.172 (4.4)	.016 (.4)
560	CDS19FC561J03	300	.450 (11.4)	.310 (7.9)	.160 (4.1)	.234 (5.9)	.025 (.6)
560	CDS19FD561J03	500	.610 (15.5)	.450 (11.4)	.150 (3.8)	.344 (8.7)	.032 (.8)
620	CD7FA621J03	100	.275 (7.0)	.260 (6.6)	.125 (3.2)	.172 (4.4)	.016 (.4)
620	D73F621J03	300	.340 (8.6)	.310 (7.9)	.160 (4.1)	.172 (4.4)	.016 (.4)
620	CDS19FC621J03	300	.450 (11.4)	.310 (7.9)	.160 (4.1)	.234 (5.9)	.025 (.6)
620	CDS19FD621J03	500	.610 (15.5)	.460 (11.7)	.150 (3.8)	.344 (8.7)	.032 (.8)
680	CD7FA681J03	100	.300 (7.6)	.290 (7.4)	.135 (3.4)	.172 (4.4)	.016 (.4)
680	D73F681J03	300	.340 (8.6)	.310 (7.9)	.160 (4.1)	.172 (4.4)	.016 (.4)
680	CDS19FC681J03	300	.450 (11.4)	.310 (7.9)	.160 (4.1)	.234 (5.9)	.025 (.6)
680	CDS19FD681J03	500	.610 (15.5)	.460 (11.7)	.150 (3.8)	.344 (8.7)	.032 (.8)
750	CD7FA751J03	100	.300 (7.6)	.290 (7.4)	.135 (3.4)	.172 (4.4)	.016 (.4)
750	D73F751J03	300	.340 (8.6)	.310 (7.9)	.160 (4.1)	.172 (4.4)	.016 (.4)
750	CDS19FC751J03	300	.450 (11.4)	.310 (7.9)	.170 (4.3)	.234 (5.9)	.025 (.6)
750	CDS19FD751J03	500	.610 (15.5)	.460 (11.7)	.150 (3.8)	.344 (8.7)	.032 (.8)
820	D73F821J03	300	.340 (8.6)	.310 (7.9)	.160 (4.1)	.172 (4.4)	.016 (.4)
820	CDS19FC821J03	300	.450 (11.4)	.310 (7.9)	.170 (4.3)	.234 (5.9)	.025 (.6)
820	CD7FA821J03	100	.300 (7.6)	.290 (7.4)	.135 (3.4)	.172 (4.4)	.016 (.4)
820	CDS19FD821J03	500	.610 (15.5)	.460 (11.7)	.150 (3.8)	.344 (8.7)	.032 (.8)
910	CD7FA911J03	100	.300 (7.6)	.290 (7.4)	.135 (3.4)	.172 (4.4)	.016 (.4)
910	D71F911J03	100	.340 (8.6)	.310 (7.9)	.170 (4.3)	.141 (3.6)	.016 (.4)
910	CDS19FA911J03	100	.450 (11.4)	.310 (7.9)	.170 (4.3)	.234 (5.9)	.025 (.6)
910	CDS19FD911J03	500	.620 (15.7)	.460 (11.7)	.160 (4.1)	.344 (8.7)	.032 (.8)
1000	CD7FA102J03	100	.320 (8.1)	.300 (7.6)	.155 (3.9)	.172 (4.4)	.016 (.4)
1000	D71F102J03	100	.340 (8.6)	.310 (7.9)	.170 (4.3)	.141 (3.6)	.016 (.4)
1000	CDS19FA102J03	100	.450 (11.4)	.310 (7.9)	.170 (4.3)	.234 (5.9)	.025 (.6)
1000	CDS19FD102J03	500	.620 (15.7)	.460 (11.7)	.160 (4.1)	.344 (8.7)	.032 (.8)
1100	CD7FA112J03	100	.320 (8.1)	.300 (7.6)	.155 (3.9)	.172 (4.4)	.016 (.4)
1100	D71F112J03	100	.340 (8.6)	.310 (7.9)	.170 (4.3)	.141 (3.6)	.016 (.4)
1100	CDS19FA112J03	100	.460 (11.7)	.310 (7.9)	.180 (4.6)	.234 (5.9)	.025 (.6)
1100	CDS19FD112J03	500	.620 (15.7)	.460 (11.7)	.160 (4.1)	.344 (8.7)	.032 (.8)
1200	CD7FA122J03	100	.320 (8.1)	.300 (7.6)	.155 (3.9)	.172 (4.4)	.016 (.4)
1200	D71F122J03	100	.340 (8.6)	.310 (7.9)	.170 (4.3)	.141 (3.6)	.016 (.4)

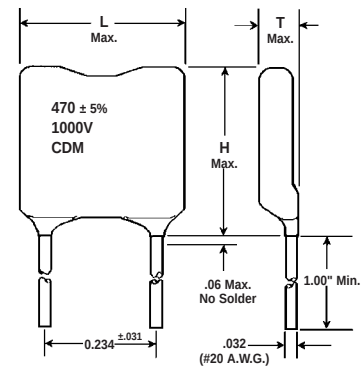
Radial Leaded
Mica Capacitors

Cap pF	Catalog Number	Volt Rate	L Inches (mm)	H Inches (mm)	T Inches (mm)	S Inches (mm)	d Inches (mm)
1200	CDS15FA122J03	100	.460 (11.7)	.310 (7.9)	.180 (4.6)	.234 (5.9)	.025 (.6)
1200	CDS19FD122J03	500	.620 (15.7)	.460 (11.7)	.170 (4.3)	.344 (8.7)	.032 (.8)
1300	CD7FA132J03	100	.330 (8.4)	.310 (7.9)	.175 (4.4)	.172 (4.4)	.016 (.4)
1300	D71F132J03	100	.340 (8.6)	.310 (7.9)	.170 (4.3)	.141 (3.6)	.016 (.4)
1300	CDS19FD132J03	500	.620 (15.7)	.460 (11.7)	.170 (4.3)	.344 (8.7)	.032 (.8)
1500	CD7FA152J03	100	.330 (8.4)	.310 (7.9)	.175 (4.4)	.172 (4.4)	.016 (.4)
1500	D71F152J03	100	.340 (8.6)	.310 (7.9)	.170 (4.3)	.141 (3.6)	.016 (.4)
1500	CDS15FA152J03	100	.460 (11.7)	.310 (7.9)	.180 (4.6)	.234 (5.9)	.025 (.6)
1500	CDS19FD152J03	500	.620 (15.7)	.460 (11.7)	.170 (4.3)	.344 (8.7)	.032 (.8)
1600	CDS19FD162J03	500	.620 (15.7)	.460 (11.7)	.180 (4.6)	.344 (8.7)	.032 (.8)
1800	CDS19FD182J03	500	.620 (15.7)	.460 (11.7)	.180 (4.6)	.344 (8.7)	.032 (.8)
2000	CDS19FD202J03	500	.630 (16.0)	.460 (11.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
2000	CDS30FD202J03	500	.720 (18.3)	.790 (20.1)	.180 (4.6)	.438 (11.1)	.040 (1.0)
2200	CDS19FD222J03	500	.630 (16.0)	.460 (11.7)	.190 (4.8)	.344 (8.7)	.032 (.8)
2200	CDS30FD222J03	500	.720 (18.3)	.790 (20.1)	.180 (4.6)	.438 (11.1)	.040 (1.0)
2400	CDS19FD242J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
2400	CDS30FD242J03	500	.720 (18.3)	.790 (20.1)	.180 (4.6)	.438 (11.1)	.040 (1.0)
2500	CDS19FD252J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
2500	CDS30FD252J03	500	.720 (18.3)	.790 (20.1)	.190 (4.8)	.438 (11.1)	.040 (1.0)
2700	CDS19FD272J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
2700	CDS30FD272J03	500	.720 (18.3)	.790 (20.1)	.190 (4.8)	.438 (11.1)	.040 (1.0)
3000	CDS19FD302J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
3000	CDS30FD302J03	500	.720 (18.3)	.790 (20.1)	.190 (4.8)	.438 (11.1)	.040 (1.0)
3300	CDS19FD332J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
3300	CDS30FD332J03	500	.720 (18.3)	.790 (20.1)	.190 (4.8)	.438 (11.1)	.040 (1.0)
3600	CDS19FD362J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
3600	CDS30FD362J03	500	.720 (18.3)	.790 (20.1)	.200 (5.1)	.438 (11.1)	.040 (1.0)
3900	CDS19FD392J03	500	.630 (16.0)	.470 (11.9)	.210 (5.3)	.344 (8.7)	.032 (.8)
3900	CDS30FD392J03	500	.720 (18.3)	.790 (20.1)	.200 (5.1)	.438 (11.1)	.040 (1.0)
4300	CDS19FD432J03	500	.630 (16.0)	.470 (11.9)	.220 (5.6)	.344 (8.7)	.032 (.8)
4300	CDS30FD432J03	500	.720 (18.3)	.790 (20.1)	.200 (5.1)	.438 (11.1)	.040 (1.0)
4700	CDS19FD472J03	500	.630 (16.0)	.470 (11.9)	.230 (5.8)	.344 (8.7)	.032 (.8)
4700	CDS30FD472J03	500	.720 (18.3)	.790 (20.1)	.210 (5.3)	.438 (11.1)	.040 (1.0)
5000	CDS19FD502J03	500	.630 (16.0)	.480 (12.2)	.240 (6.1)	.344 (8.7)	.032 (.8)
5000	CDS30FD502J03	500	.720 (18.3)	.790 (20.1)	.210 (5.3)	.438 (11.1)	.040 (1.0)
5100	CDS19FD512J03	500	.630 (16.0)	.480 (12.2)	.240 (6.1)	.344 (8.7)	.032 (.8)
5100	CDS30FD512J03	500	.720 (18.3)	.790 (20.1)	.210 (5.3)	.438 (11.1)	.040 (1.0)
5600	CDS19FC562J03	300	.640 (16.3)	.480 (12.2)	.250 (6.4)	.344 (8.7)	.032 (.8)
5600	CDS30FD562J03	500	.720 (18.3)	.790 (20.1)	.220 (5.6)	.438 (11.1)	.040 (1.0)
6200	CDS19FC622J03	300	.640 (16.3)	.480 (12.2)	.260 (6.6)	.344 (8.7)	.032 (.8)
6200	CDS30FD622J03	500	.730 (18.5)	.800 (20.3)	.220 (5.6)	.438 (11.1)	.040 (1.0)
6800	CDS19FC682J03	300	.640 (16.3)	.490 (12.4)	.270 (6.9)	.344 (8.7)	.032 (.8)
6800	CDS30FD682J03	500	.730 (18.5)	.800 (20.3)	.230 (5.8)	.438 (11.1)	.040 (1.0)
7500	CDS19FA752J03	100	.650 (16.5)	.490 (12.4)	.280 (7.1)	.344 (8.7)	.032 (.8)
7500	CDS30FD752J03	500	.730 (18.5)	.800 (20.3)	.240 (6.1)	.438 (11.1)	.040 (1.0)
8200	CDS19FA822J03	100	.650 (16.5)	.490 (12.4)	.300 (7.6)	.344 (8.7)	.032 (.8)
8200	CDS30FD822J03	500	.730 (18.5)	.800 (20.3)	.250 (6.4)	.438 (11.1)	.040 (1.0)
9100	CDS19FA912J03	100	.660 (16.8)	.500 (12.7)	.310 (7.9)	.344 (8.7)	.032 (.8)
9100	CDS30FD912J03	500	.730 (18.5)	.800 (20.3)	.260 (6.6)	.438 (11.1)	.040 (1.0)
10000	CDS19FA103J03	100	.670 (17.0)	.510 (13.0)	.320 (8.1)	.344 (8.7)	.032 (.8)
10000	CDS30FD103J03	500	.730 (18.5)	.800 (20.3)	.270 (6.9)	.438 (11.1)	.040 (



Ideal for snubber and RF applications, CDV16 mica capacitors now handle dV/dt s up to 275,000 V/ μ s and they assure controlled, resonance-free performance through 1 GHz.

Type CD16 & CDV16 Mica Capacitors



Higher dV/dt Capability and Flatter Insertion Loss

New CDV16/CD16 mica capacitors excel in both snubber applications and high-frequency applications like RF and CATV.

Type CDV16's high pulse current capability make them ideal for pulse and snubber applications. CDV16 capacitors withstand an unlimited number of pulses with a dV/dt of 275,000 V/ μ s. This is a 20% increase in dV/dt capability when compared to our CDV19 mica capacitors and CDV16s are smaller too. CDV16 capacitors handle higher peak currents — up

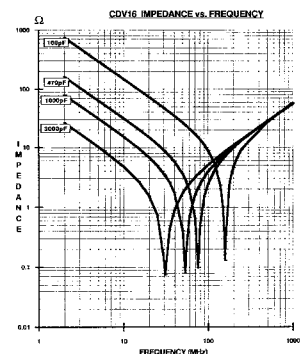
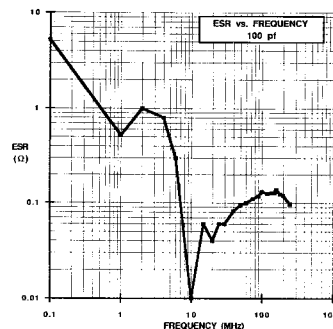
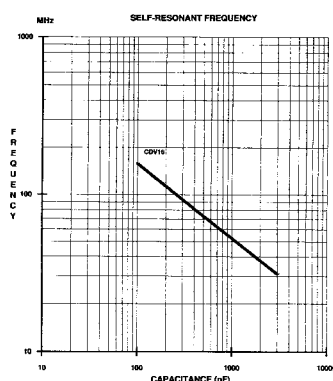
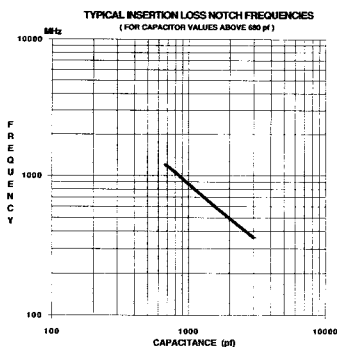
to 825 amps. They also handle high continuous RMS current at 5 MHz and up to 30 MHz. For example, a 470 pF CDV16 capacitor handles 6.2 A rms continuously at 13.56 MHz and it is 1/4 the cost of a comparable porcelain ceramic capacitor.

In addition to being great for snubbers, CDV16 is a fit for your FR applications. Their compact size and closer lead spacing improves insertion loss performance — insertion loss data is flat within +0.2 db, typically to beyond a gigahertz.

Radial Leaded
Mica Capacitors

Performance Highlights

- Capacitance Range: 100 pF to 7,500 pF
- Capacitance Tolerance: $\pm 5\%$ (J) standard; $\pm 1\%$ (F) and $\pm 2\%$ (G) available
- Voltage: 500 Vdc & 1,000 Vdc
- Temperature Range: -55°C to $+125^{\circ}\text{C}$
- dV/dt capability up to 275,000 V/ μ s
- 1,500 amps peak current capability
- Handles up to 9.0 amps rms continuous current
- Very low ESR from 10 to 100 MHz
- Low, notch-free impedance to 1GHz
- Stable: no capacitance change with voltage, temperature and frequency
- Tape and reeling available



Type CD16 & CDV16, Snubber and RF Application, Mica Capacitors

Ratings and Dimensions

Cap. pF	Catalog Number	L Inches (mm)	H Inches (mm)	T Inches (mm)	Ipk Amps	Maximum Continuous Current @ 85°C, Amps					
						100kHz	250 kHz	500 kHz	1MHz	2.5MHz	5MHz
500 Vdc (300 Vac)											
100	CD16FD101J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	20	.019	.047	.09	.19	.47	.78
120	CD16FD121J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	24	.023	.057	.11	.23	.57	.86
150	CD16FD151J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	30	.028	.071	.14	.28	.71	.96
180	CD16FD181J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	36	.034	.085	.17	.34	.85	1.1
220	CD16FD221J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	44	.041	.10	.21	.41	1.0	1.2
270	CD16FD271J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	54	.051	.13	.25	.51	1.3	1.3
330	CD16FD331J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	66	.062	.16	.31	.62	1.5	1.5
390	CD16FD391J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	78	.074	.18	.37	.74	1.6	1.6
470	CD16FD471J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	94	.089	.22	.44	.89	1.8	1.8
560	CD16FD561J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	110	.11	.26	.53	1.1	2.0	2.0
680	CD16FD681J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	160	.15	.39	.77	1.5	2.5	2.5
820	CD16FD821J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	160	.15	.39	.77	1.5	2.5	2.5
1000	CD16FD102J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	200	.19	.47	.94	1.9	2.7	2.7
1200	CD16FD122J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	240	.23	.57	1.1	2.3	3.0	3.0
1500	CD16FD152J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	300	.28	.71	1.4	2.7	3.3	3.3
1800	CD16FD182J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	360	.34	.85	1.7	3.4	4.1	4.1
2200	CD16FD222J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	440	.41	1.0	2.1	4.1	4.5	4.5
2700	CD16FD272J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	540	.51	1.3	2.5	5.0	5.0	5.0
3000	CD16FD302J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	600	.57	1.4	2.8	5.2	5.2	5.2
3300	CD16FD332J03	.48 (12.2)	.53 (13.7)	.28 (7.1)	600	.57	1.4	2.8	5.7	6.8	6.8
3600	CD16FD362J03	.48 (12.2)	.53 (13.7)	.28 (7.1)	720	.68	1.7	3.4	6.8	7.1	7.1
3900	CD16FD392J03	.48 (12.2)	.54 (13.7)	.28 (7.1)	780	.74	1.8	3.7	7.4	7.4	7.4
4300	CD16FD432J03	.48 (12.2)	.54 (13.7)	.28 (7.1)	860	.81	2.0	4.0	7.0	7.8	7.8
4700	CD16FD472J03	.49 (12.5)	.56 (14.2)	.31 (7.9)	940	.89	2.2	4.4	8.5	8.5	8.5
5600	CD16FD562J03	.49 (12.5)	.56 (14.2)	.33 (8.4)	1100	1.1	2.6	5.3	9.0	9.0	9.0
6800	CD16FD682J03	.50 (12.7)	.57 (14.7)	.38 (9.7)	1300	1.3	3.2	6.4	9.0	9.0	9.0
7500	CD16FD752J03	.50 (12.7)	.58 (14.7)	.40 (10.2)	1500	1.4	3.5	7.1	9.0	9.0	9.0

Radial Leaded
Mica Capacitors

Cap. pF	Catalog Number	L Inches (mm)	H Inches (mm)	T Inches (mm)	Ipk Amps	Maximum Continuous Current @ 85°C, Amps					
						100kHz	250 kHz	500 kHz	1MHz	2.5MHz	5MHz
1,000 Vdc (350 Vac)											
100	CDV16FF101J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	23	.022	.055	.11	.22	.55	.92
120	CDV16FF121J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	27	.026	.066	.13	.26	.66	1.0
130	CDV16FF131J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	29	.029	.071	.14	.29	.71	1.1
150	CDV16FF151J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	34	.033	.082	.16	.33	.82	1.1
180	CDV16FF181J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	41	.040	.10	.20	.40	.99	1.2
200	CDV16FF201J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	45	.044	.11	.22	.44	1.1	1.3
220	CDV16FF221J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	50	.048	.12	.24	.48	1.2	1.4
240	CDV16FF241J03	.43 (10.9)	.46 (11.7)	.15 (3.8)	54	.053	.13	.26	.53	1.3	1.4
270	CDV16FF271J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	61	.059	.15	.30	.59	1.5	1.6
300	CDV16FF301J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	68	.066	.16	.33	.66	1.6	1.7
330	CDV16FF331J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	74	.073	.18	.36	.73	1.8	1.8
360	CDV16FF361J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	81	.079	.20	.40	.79	1.8	1.8
390	CDV16FF391J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	88	.086	.21	.43	.86	1.9	1.9
420	CDV16FF421J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	95	.092	.23	.46	.92	2.0	2.0
430	CDV16FF431J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	97	.095	.24	.47	.95	2.0	2.0
470	CDV16FF471J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	106	.10	.26	.52	1.0	2.1	2.1
500	CDV16FF501J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	113	.11	.27	.55	1.1	2.2	2.2
510	CDV16FF511J03	.45 (11.4)	.47 (11.9)	.16 (4.1)	115	.11	.28	.56	1.1	2.2	2.2
560	CDV16FF561J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	126	.12	.31	.62	1.2	2.4	2.4
620	CDV16FF621J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	140	.14	.34	.68	1.4	2.5	2.5
680	CDV16FF681J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	153	.15	.37	.75	1.5	2.7	2.7
750	CDV16FF751J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	169	.16	.41	.82	1.6	2.8	2.8
820	CDV16FF821J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	185	.18	.45	.90	1.8	2.9	2.9
910	CDV16FF911J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	205	.20	.50	1.0	2.0	3.1	3.1
1000	CDV16FF102J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	225	.22	.55	1.1	2.2	3.2	3.2
1200	CDV16FF122J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	270	.26	.66	1.3	2.6	3.5	3.5
1300	CDV16FF132J03	.46 (11.7)	.50 (12.7)	.17 (4.4)	293	.29	.71	1.4	2.9	3.7	3.7
1500	CDV16FF152J03	.46 (11.7)	.50 (12.7)	.18 (4.6)	338	.33	.82	1.6	3.3	3.9	3.9
1800	CDV16FF182J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	495	.40	.99	2.0	4.0	4.8	4.8
2000	CDV16FF202J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	605	.48	1.2	2.4	4.8	5.3	5.3
2200	CDV16FF222J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	605	.48	1.2	2.4	4.8	5.3	5.3
2400	CDV16FF242J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	660	.53	1.3	2.6	5.3	5.5	5.5
2700	CDV16FF272J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	743	.59	1.5	3.0	5.8	5.8	5.8
3000	CDV16FF302J03	.47 (11.9)	.52 (13.2)	.25 (6.4)	825	.66	1.6	3.3	6.2	6.2	6.2

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