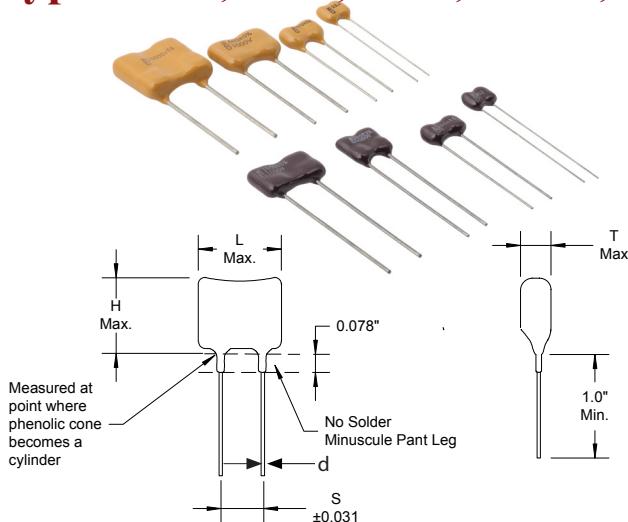


Mica Capacitors Miniature Dipped

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



Small cases for tight places is what you get with CDE miniature dipped silver mical capacitors. Like the standard dipped mica capacitor, the miniature dipped product offers the same stability and rugged performance in low and moderate-humidity applications.

Highlights

- ◆ Reel packaging available
- ◆ Dimensions meet EIA RS153B specification
- ◆ 20,000 V/ μ s dV/dt pulse capability minimum
- ◆ Non-flammable units that meet IEC 695-2-2 are available

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Specifications

Capacitance Range	1 pF to 40,000 pF
Capacitance Tolerance	±1/2 pF (D), ±1 pF (C), ±1/2% (E), ±1% (F), ±2% (G), ±5% (J)
Rated Voltage	50 Vdc to 500 Vdc
Operating Temperature Range	-55 °C to +125 °C
Dielectric Strength Test	200% of rated voltage
RoHS Compliant	

Ratings

Cap Volts (pF)	Catalog Part Number	L inches (mm)	H inches (mm)	T inches (mm)	S inches (mm)	d inches (mm)	Cap Volts (pF)	Catalog Part Number	L inches (mm)	H inches (mm)	T inches (mm)	S inches (mm)	d inches (mm)
1	300 CD5CC010DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	7	300 CDS5CC070DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)
1	300 CDS5CC010DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)	7	500 CD6CD070DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)
1	500 CD6CD010DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)	7	500 CDS10CD070DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)
1	500 CDS10CD010DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)	7	500 CDS15CD070DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)
1	500 CDS15CD010DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)	8	300 CD5CC080DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)
2	300 CD5CC020DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	8	300 CDS5CC080DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)
2	300 CDS5CC020DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)	8	500 CD6CD080DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)
2	500 CD6CD020DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)	8	500 CDS10CD080DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)
2	500 CDS10CD020DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)	8	500 CDS15CD080DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)
2	500 CDS15CD020DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)	9	300 CD5CC090DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)
3	300 CD5CC030DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	9	300 CDS5CC090DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)
3	300 CDS5CC030DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)	9	500 CD6CD090DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)
3	500 CD6CD030DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)	9	500 CDS10CD090DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)
3	500 CDS10CD030DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)	9	500 CDS15CD090DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)
3	500 CDS15CD030DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)	10	300 CD5CC100J03F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)
4	300 CD5CC040DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	10	300 CDS5CC100J03F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)
4	300 CDS5CC040DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)	10	500 CD6CD100DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)
4	500 CD6CD040DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)	10	500 CDS10CD100DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)
4	500 CDS10CD040DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)	10	500 CDS15CD100DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)
4	500 CDS15CD040DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)	11	300 CD5CC110J03F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)
5	300 CD5CC050DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	11	300 CDS5CC110J03F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)
5	300 CDS5CC050DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)	11	500 CD6CD110DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)
5	500 CD6CD050DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)	11	500 CDS10CD110DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)
5	500 CDS10CD050DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)	11	500 CDS15CD110DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)
5	500 CDS15CD050DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)	12	300 CD5CC120J03F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)
6	300 CD5CC060DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	12	300 CDS5CC120J03	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)
6	300 CDS5CC060DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (.4)	12	500 CD6CD120J03	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)
6	500 CD6CD060DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (.4)	12	500 CDS10CD120J03	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)
6	500 CDS10CD060DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (.4)	12	500 CDS15CD120J03	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)
6	500 CDS15CD060DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (.6)	15	300 CD5CC150J03F	0.270 (6.9)	0.190 (4.8)	0.120 (3.0)	0.120 (3.0)	0.016 (.4)
7	300 CD5CC070DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (.4)	15	300 CDS5CC150J03F	0.250 (6.4)	0.170 (4.3)	0.100 (2.5)	0.120 (3.0)	0.016 (.4)

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