

Mica Capacitors **Miniature Dipped**

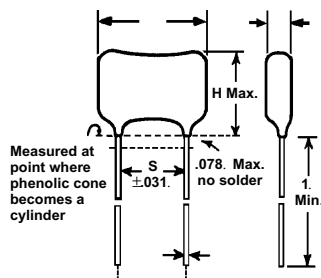
Types CD5, CD6, CD7, CDS5, CDS10, D7, CDS15, CDS19, CDS30



Small cases for tight places is what you get with CDE miniature dipped silver mica 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/μs dV/dt pulse capability minimum
- ◆ Non-flammable units that meet IEC 695-2-2 are available



Part Numbers with the F at the end are RoHS-5 Compliant

Has more than 1000 ppm lead in some homogenous material but otherwise complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

Specifications

Capacitance Range: 1 pF to 40,000 pF

Voltage Range: 50 Vdc to 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

Dielectric Strength Test: 200% of rated voltage

Ratings

Cap Volts (pF) (Vdc)	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)
1 300	CDS5CC010DO3F	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	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)
1 500	CDS10CD010DO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (4)
1 500	CDS15CD010DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
2 300	CD5CC020DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	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)
2 500	CD6CD020DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	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)
2 500	CDS15CD020DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
3 300	CD5CC030DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	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)
3 500	CD6CD030DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	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)
3 500	CDS15CD030DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
4 300	CD5CC040DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	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)
4 500	CD6CD040DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	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)
4 500	CDS15CD040DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
5 300	CD5CC050DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	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)
5 500	CD6CD050DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	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)
5 500	CDS15CD050DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
6 300	CD5CC060DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	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)
6 500	CD6CD060DO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	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)
6 500	CDS15CD060DO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
7 300	CD5CC070DO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (4)

Cap Volts (pF) (Vdc)	Catalog Part Number	L inches (mm)	H inches (mm)	T inches (mm)	S inches (mm)	d inches (mm)
7 300	CDS5CC070DO3F	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)
7 500	CDS10CD070DO3F	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)
8 300	CD5CC080DO3F	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)
8 500	CD6CD080DO3	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)
8 500	CDS15CD080DO3F	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)
9 300	CDS5CC090DO3F	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)
9 500	CDS10CD090DO3F	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)
10 300	CD5CC100JO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (4)
10 300	CDS5CC100JO3F	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)
10 500	CDS10CD100JO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (4)
10 500	CDS15CD100JO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
11 300	CD5CC110JO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (4)
11 300	CDS5CC110JO3F	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)
11 500	CDS10CD110JO3F	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (4)
11 500	CDS15CD110JO3F	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
12 300	CD5CC120JO3F	0.270 (6.9)	0.190 (4.8)	0.110 (2.8)	0.120 (3.0)	0.016 (4)
12 300	CDS5CC120JO3	0.250 (6.4)	0.160 (4.1)	0.090 (2.3)	0.120 (3.0)	0.016 (4)
12 500	CD6CD120JO3	0.275 (7.0)	0.175 (4.4)	0.095 (2.4)	0.172 (4.4)	0.016 (4)
12 500	CDS10CD120JO3	0.310 (7.9)	0.260 (6.6)	0.120 (3.0)	0.141 (3.6)	0.016 (4)
12 500	CDS15CD120JO3	0.430 (10.9)	0.280 (7.1)	0.140 (3.6)	0.234 (5.9)	0.025 (6)
15 300	CD5CC150JO3F	0.270 (6.9)	0.190 (4.8)	0.120 (3.0)	0.120 (3.0)	0.016 (4)
15 300	CDS5CC150JO3F	0.250 (6.4)	0.170 (4.3)	0.100 (2.5)	0.120 (3.0)	0.016 (4)

Mica Capacitors **Miniature Dipped**

Notice and Disclaimer: All product drawings, descriptions, specifications, statements, information and data (collectively, the "Information") in this datasheet or other publication are subject to change. The customer is responsible for checking, confirming and verifying the extent to which the Information contained in this datasheet or other publication is applicable to an order at the time the order is placed. All Information given herein is believed to be accurate and reliable, but it is presented without any guarantee, warranty, representation or responsibility of any kind, expressed or implied. Statements of suitability for certain applications are based on the knowledge that the Cornell Dubilier company providing such statements ("Cornell Dubilier") has of operating conditions that such Cornell Dubilier company regards as typical for such applications, but are not intended to constitute any guarantee, warranty or representation regarding any such matter – and Cornell Dubilier specifically and expressly disclaims any guarantee, warranty or representation concerning the suitability for a specific customer application, use, storage, transportation, or operating environment. The Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by Cornell Dubilier with reference to the use of any Cornell Dubilier products is given gratis (unless otherwise specified by Cornell Dubilier), and Cornell Dubilier assumes no obligation or liability for the advice given or results obtained. Although Cornell Dubilier strives to apply the most stringent quality and safety standards regarding the design and manufacturing of its products, in light of the current state of the art, isolated component failures may still occur. Accordingly, customer applications which require a high degree of reliability or safety should employ suitable designs or other safeguards (such as installation of protective circuitry or redundancies or other appropriate protective measures) in order to ensure that the failure of an electrical component does not result in a risk of personal injury or property damage. Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated in such warnings, cautions and notes, or that other safety measures may not be required.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Mica Capacitors category](#):

Click to view products by [Cornell Dubilier manufacturer](#):

Other Similar products are found below :

[CMR04F331JOAR](#) [CM07FD103JO3](#) [MIN02-002CC4R7D-F](#) [MIN02-002CC5R6D-F](#) [MIN02-002CC8R2D-F](#) [CD16FD181JO3](#)
[CDA15ED220DO3+XXB](#) [CDS19FD502FO3](#) [MC08CA100D-TF](#) [CD5EC220DO3](#) [MC12EF180G-F](#) [CD5CC150DO3F](#) [CD5EC270GO3F](#)
[CDV16FF421JO3F](#) [MC18FD391J-TF](#) [MC18FA331G-F](#) [CM05FD361GO3](#) [CD17FA152JO3F](#) [CD5EC680GO3F](#) [MIN02-002DC400J-F](#)
[CDV30EH390JO3F](#) [CM04ED470GO3](#) [CD17FD511JO3](#) [CD17ED390JO3F](#) [CD19FA822GO3](#) [MC18FA431J-F](#) [CD7FA391JO3](#)
[MC22FF821G-F](#) [MC12CF100C-F](#) [CD19FA103FO3F](#) [CD5CC070CO3F](#) [MC12FA910J-F](#) [CDV30FH431JO3F+XZX](#) [MCM01-002ED201J-F](#)
[CDV30EF470JO3F](#) [CDV30FJ201JO3F](#) [MCM01-001D060D-F](#) [MIN02-002CC3R3D-F](#) [MC12EF150G-F](#) [CD19FD391GO3](#) [CD6ED200DO3](#)
[CD19FD472GO3F](#) [CD5EC560GO3F](#) [CD5EC330GO3F](#) [CDV30FK101JO3F](#) [CMR04E330JPDM](#) [CD5FY401JO3F](#) [CM05FD131GO3](#)
[CD19ED820JO3F](#) [MIN02-003CC120A-F](#)