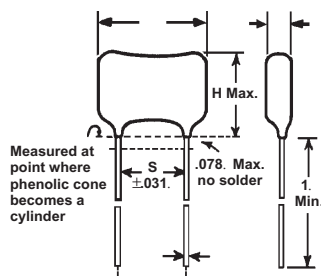
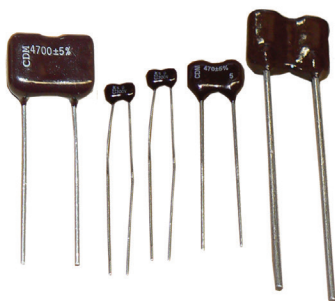


# Mica Capacitors **Miniature Dipped** Types CD5, CD6, CD7, CDS5, CDS10, D7, CDS15, CDS19, CDS30



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

**RoHS Compliant**

## 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 (pF) | Volts (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 (pF) | Volts (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**

| Cap  |       |                |              |             |             |             | Cap         |      |       |                |              |             |             |             |             |
|------|-------|----------------|--------------|-------------|-------------|-------------|-------------|------|-------|----------------|--------------|-------------|-------------|-------------|-------------|
| Cap  | Volts | Catalog        | L            | H           | T           | S           | d           | Cap  | Volts | Catalog        | L            | H           | T           | S           | d           |
| (pF) | (Vdc) | Part Number    | inches (mm)  | inches (mm) | inches (mm) | inches (mm) | inches (mm) | (pF) | (Vdc) | Part Number    | inches (mm)  | inches (mm) | inches (mm) | inches (mm) | inches (mm) |
| 15   | 500   | CD6CD150J03    | 0.275 (7.0)  | 0.175 (4.4) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   | 68   | 300   | CD5EC680J03F   | 0.270 (6.9)  | 0.220 (5.6) | 0.150 (3.8) | 0.120 (3.0) | 0.016 (4)   |
| 15   | 500   | CDS10CD150J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.120 (3.0) | 0.141 (3.6) | 0.016 (4)   | 68   | 300   | CDSSE680J03F   | 0.250 (6.4)  | 0.180 (4.6) | 0.130 (3.3) | 0.120 (3.0) | 0.016 (4)   |
| 15   | 500   | CDS15CD150J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   | 68   | 500   | CD6ED680J03    | 0.275 (7.0)  | 0.175 (4.4) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   |
| 18   | 300   | CD5CC180J03F   | 0.270 (6.9)  | 0.200 (5.1) | 0.120 (3.0) | 0.120 (3.0) | 0.016 (4)   | 68   | 500   | CDS10ED680J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.130 (3.3) | 0.141 (3.6) | 0.016 (4)   |
| 18   | 300   | CDS5CC180J03F  | 0.250 (6.4)  | 0.170 (4.3) | 0.100 (2.5) | 0.120 (3.0) | 0.016 (4)   | 68   | 500   | CDS15ED680J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   |
| 18   | 500   | CD6CD180J03    | 0.275 (7.0)  | 0.175 (4.4) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   | 75   | 300   | CD5EC750J03F   | 0.270 (6.9)  | 0.230 (5.8) | 0.160 (4.1) | 0.120 (3.0) | 0.016 (4)   |
| 18   | 500   | CDS10CD180J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.120 (3.0) | 0.141 (3.6) | 0.016 (4)   | 75   | 300   | CDSSEC750J03F  | 0.250 (6.4)  | 0.190 (4.8) | 0.140 (3.6) | 0.120 (3.0) | 0.016 (4)   |
| 18   | 500   | CDS15CD180J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   | 75   | 500   | CD6ED750J03    | 0.275 (7.0)  | 0.175 (4.4) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   |
| 20   | 300   | CD5EC200J03F   | 0.270 (6.9)  | 0.200 (5.1) | 0.120 (3.0) | 0.120 (3.0) | 0.016 (4)   | 75   | 500   | CDS10ED750J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.130 (3.3) | 0.141 (3.6) | 0.016 (4)   |
| 20   | 300   | CDSSEC200J03F  | 0.250 (6.4)  | 0.170 (4.3) | 0.100 (2.5) | 0.120 (3.0) | 0.016 (4)   | 75   | 500   | CDS15ED750J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   |
| 20   | 500   | CD6ED200J03    | 0.275 (7.0)  | 0.175 (4.4) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   | 82   | 300   | CD5EC820J03F   | 0.270 (6.9)  | 0.230 (5.8) | 0.160 (4.1) | 0.120 (3.0) | 0.016 (4)   |
| 20   | 500   | CDS10ED200J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.120 (3.0) | 0.141 (3.6) | 0.016 (4)   | 82   | 300   | CD6EC820J03    | 0.250 (6.4)  | 0.190 (4.8) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   |
| 20   | 500   | CDS15ED200J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   | 82   | 300   | CDSSEC820J03F  | 0.275 (7.0)  | 0.175 (4.4) | 0.140 (3.6) | 0.120 (3.0) | 0.016 (4)   |
| 22   | 300   | CD5EC220J03F   | 0.270 (6.9)  | 0.200 (5.1) | 0.120 (3.0) | 0.120 (3.0) | 0.016 (4)   | 82   | 500   | CDS10ED820J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.130 (3.3) | 0.141 (3.6) | 0.016 (4)   |
| 22   | 300   | CDSSEC220J03F  | 0.250 (6.4)  | 0.170 (4.3) | 0.100 (2.5) | 0.120 (3.0) | 0.016 (4)   | 82   | 500   | CDS15ED820J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   |
| 22   | 500   | CD6ED220J03    | 0.275 (7.0)  | 0.175 (4.4) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   | 91   | 300   | CD5FC910J03F   | 0.270 (6.9)  | 0.230 (5.8) | 0.170 (4.3) | 0.120 (3.0) | 0.016 (4)   |
| 22   | 500   | CDS10ED220J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.120 (3.0) | 0.141 (3.6) | 0.016 (4)   | 91   | 300   | CD6FC910J03    | 0.275 (7.0)  | 0.190 (4.8) | 0.095 (2.4) | 0.172 (4.4) | 0.016 (4)   |
| 22   | 500   | CDS15ED220J03F | 0.430 (10.9) | 0.280 (7.1) | 0.140 (3.6) | 0.234 (5.9) | 0.025 (6)   | 91   | 300   | CDS5FC910J03F  | 0.250 (6.4)  | 0.175 (4.4) | 0.150 (3.8) | 0.120 (3.0) | 0.016 (4)   |
| 24   | 300   | CD5EC240J03F   | 0.270 (6.9)  | 0.200 (5.1) | 0.120 (3.0) | 0.120 (3.0) | 0.016 (4)   | 91   | 500   | CDS10FD910J03F | 0.310 (7.9)  | 0.260 (6.6) | 0.130 (3.3) | 0.141 (3.6) | 0.016 (4)   |
| 24   | 300   | CDSSEC240J03F  | 0.           |             |             |             |             |      |       |                |              |             |             |             |             |

## Mica Capacitors **Miniature Dipped**

| Cap  |       | Volts          | Catalog      | L            | H           | T            | S           | d           | Cap  |       | Volts          | Catalog      | L            | H           | T            | S           | d           |
|------|-------|----------------|--------------|--------------|-------------|--------------|-------------|-------------|------|-------|----------------|--------------|--------------|-------------|--------------|-------------|-------------|
| (pF) | (Vdc) | Part Number    | inches (mm)  | inches (mm)  | inches (mm) | inches (mm)  | inches (mm) | inches (mm) | (pF) | (Vdc) | Part Number    | inches (mm)  | inches (mm)  | inches (mm) | inches (mm)  | inches (mm) | inches (mm) |
| 270  | 300   | CD7FC271J03    | 0.265 (6.7)  | 0.260 (6.6)  | 0.110 (2.8) | 0.172 (4.4)  | 0.016 (.4)  |             | 1000 | 100   | CD7FA102J03    | 0.320 (8.1)  | 0.300 (7.6)  | 0.155 (3.9) | 0.172 (4.4)  | 0.016 (.4)  |             |
| 270  | 300   | CDS10FC271J03F | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 1000 | 100   | D71F102J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.170 (4.3) | 0.141 (3.6)  | 0.016 (.4)  |             |
| 270  | 500   | D75F271J03F    | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 1000 | 100   | CDS15FA102J03F | 0.450 (11.4) | 0.310 (7.9)  | 0.170 (4.3) | 0.234 (5.9)  | 0.025 (.6)  |             |
| 270  | 500   | CDS15FD271J03F | 0.440 (11.2) | 0.290 (7.4)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 1000 | 500   | CDS19FD102J03F | 0.620 (15.7) | 0.460 (11.7) | 0.160 (4.1) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 270  | 500   | CDS19FD271J03F | 0.610 (15.5) | 0.450 (11.4) | 0.130 (3.3) | 0.344 (8.7)  | 0.032 (.8)  |             | 1100 | 100   | CD7FA112J03    | 0.320 (8.1)  | 0.300 (7.6)  | 0.155 (3.9) | 0.172 (4.4)  | 0.016 (.4)  |             |
| 300  | 50    | CD5FY301J03F   | 0.270 (6.9)  | 0.230 (5.8)  | 0.170 (4.3) | 0.120 (3.0)  | 0.016 (.4)  |             | 1100 | 100   | D71F112J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.170 (4.3) | 0.141 (3.6)  | 0.016 (.4)  |             |
| 300  | 50    | CDS5FY301J03F  | 0.250 (6.4)  | 0.190 (4.8)  | 0.150 (3.8) | 0.120 (3.0)  | 0.016 (.4)  |             | 1100 | 100   | CDS15FA112J03F | 0.460 (11.7) | 0.310 (7.9)  | 0.180 (4.6) | 0.234 (5.9)  | 0.025 (.6)  |             |
| 300  | 300   | CD7FC301J03    | 0.265 (6.7)  | 0.260 (6.6)  | 0.110 (2.8) | 0.172 (4.4)  | 0.016 (.4)  |             | 1100 | 500   | CDS19FD112J03F | 0.620 (15.7) | 0.460 (11.7) | 0.160 (4.1) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 300  | 300   | CDS10FC301J03F | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 1200 | 100   | CD7FA122J03    | 0.320 (8.1)  | 0.300 (7.6)  | 0.155 (3.9) | 0.172 (4.4)  | 0.016 (.4)  |             |
| 300  | 500   | D75F301J03F    | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 1200 | 100   | D71F122J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.170 (4.3) | 0.141 (3.6)  | 0.016 (.4)  |             |
| 300  | 500   | CDS15FD301J03F | 0.440 (11.2) | 0.290 (7.4)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 1200 | 100   | CDS15FA122J03F | 0.460 (11.7) | 0.310 (7.9)  | 0.180 (4.6) | 0.234 (5.9)  | 0.025 (.6)  |             |
| 300  | 500   | CDS19FD301J03F | 0.610 (15.5) | 0.450 (11.4) | 0.130 (3.3) | 0.344 (8.7)  | 0.032 (.8)  |             | 1200 | 500   | CDS19FD122J03F | 0.620 (15.7) | 0.460 (11.7) | 0.170 (4.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 330  | 50    | CD5FY331J03F   | 0.270 (6.9)  | 0.240 (6.1)  | 0.180 (4.6) | 0.120 (3.0)  | 0.016 (.4)  |             | 1300 | 100   | CD7FA132J03    | 0.330 (8.4)  | 0.310 (7.9)  | 0.175 (4.4) | 0.172 (4.4)  | 0.016 (.4)  |             |
| 330  | 50    | CDS5FY331J03F  | 0.250 (6.4)  | 0.190 (4.8)  | 0.160 (4.1) | 0.120 (3.0)  | 0.016 (.4)  |             | 1300 | 100   | D71F132J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.170 (4.3) | 0.141 (3.6)  | 0.016 (.4)  |             |
| 330  | 100   | CD7FA331J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 1300 | 500   | CDS19FD132J03F | 0.620 (15.7) | 0.460 (11.7) | 0.170 (4.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 330  | 100   | CDS10FA331J03F | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 1500 | 100   | CD7FA152J03    | 0.330 (8.4)  | 0.310 (7.9)  | 0.175 (4.4) | 0.172 (4.4)  | 0.016 (.4)  |             |
| 330  | 500   | D75F331J03F    | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 1500 | 100   | D71F152J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.170 (4.3) | 0.141 (3.6)  | 0.016 (.4)  |             |
| 330  | 500   | CDS15FD331J03F | 0.440 (11.2) | 0.290 (7.4)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 1500 | 100   | CDS15FA152J03F | 0.460 (11.7) | 0.310 (7.9)  | 0.180 (4.6) | 0.234 (5.9)  | 0.025 (.6)  |             |
| 330  | 500   | CDS19FD331J03F | 0.610 (15.5) | 0.450 (11.4) | 0.130 (3.3) | 0.344 (8.7)  | 0.032 (.8)  |             | 1500 | 500   | CDS19FD152J03F | 0.620 (15.7) | 0.460 (11.7) | 0.170 (4.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 360  | 50    | CD5FY361J03F   | 0.270 (6.9)  | 0.240 (6.1)  | 0.190 (4.8) | 0.120 (3.0)  | 0.016 (.4)  |             | 1600 | 500   | CDS19FD162J03F | 0.620 (15.7) | 0.460 (11.7) | 0.180 (4.6) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 360  | 50    | CDS5FY361J03F  | 0.250 (6.4)  | 0.190 (4.8)  | 0.160 (4.1) | 0.120 (3.0)  | 0.016 (.4)  |             | 1800 | 500   | CDS19FD182J03F | 0.620 (15.7) | 0.460 (11.7) | 0.180 (4.6) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 360  | 100   | CD7FA361J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 2000 | 500   | CDS19FD202J03F | 0.630 (16.0) | 0.460 (11.7) | 0.190 (4.8) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 360  | 100   | CDS10FA361J03F | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 2000 | 500   | CDS30FD202J03F | 0.720 (18.3) | 0.790 (20.1) | 0.180 (4.6) | 0.438 (11.1) | 0.040 (1.0) |             |
| 360  | 500   | D75F361J03F    | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 2200 | 500   | CDS19FD222J03F | 0.630 (16.0) | 0.460 (11.7) | 0.190 (4.8) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 360  | 500   | CDS15FD361J03F | 0.440 (11.2) | 0.290 (7.4)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 2200 | 500   | CDS30FD222J03F | 0.720 (18.3) | 0.790 (20.1) | 0.180 (4.6) | 0.438 (11.1) | 0.040 (1.0) |             |
| 360  | 500   | CDS19FD361J03F | 0.610 (15.5) | 0.450 (11.4) | 0.140 (3.6) | 0.344 (8.7)  | 0.032 (.8)  |             | 2400 | 500   | CDS19FD242J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 390  | 50    | CD5FY391J03F   | 0.270 (6.9)  | 0.250 (6.4)  | 0.190 (4.8) | 0.120 (3.0)  | 0.016 (.4)  |             | 2400 | 500   | CDS30FD242J03F | 0.720 (18.3) | 0.790 (20.1) | 0.180 (4.6) | 0.438 (11.1) | 0.040 (1.0) |             |
| 390  | 50    | CDS5FY391J03F  | 0.250 (6.4)  | 0.190 (4.8)  | 0.170 (4.3) | 0.120 (3.0)  | 0.016 (.4)  |             | 2500 | 500   | CDS19FD252J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 390  | 100   | CD7FA391J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 2500 | 500   | CDS30FD252J03F | 0.720 (18.3) | 0.790 (20.1) | 0.190 (4.8) | 0.438 (11.1) | 0.040 (1.0) |             |
| 390  | 100   | CDS10FA391J03F | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 2700 | 500   | CDS19FD272J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 390  | 500   | D75F391J03F    | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 2700 | 500   | CDS30FD272J03F | 0.720 (18.3) | 0.790 (20.1) | 0.190 (4.8) | 0.438 (11.1) | 0.040 (1.0) |             |
| 390  | 500   | CDS15FD391J03F | 0.440 (11.2) | 0.290 (7.4)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 3000 | 500   | CDS19FD302J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 390  | 500   | CDS19FD391J03F | 0.610 (15.5) | 0.450 (11.4) | 0.140 (3.6) | 0.344 (8.7)  | 0.032 (.8)  |             | 3000 | 500   | CDS30FD302J03F | 0.720 (18.3) | 0.790 (20.1) | 0.190 (4.8) | 0.438 (11.1) | 0.040 (1.0) |             |
| 400  | 50    | CD5FY401J03F   | 0.270 (6.9)  | 0.250 (6.4)  | 0.190 (4.8) | 0.120 (3.0)  | 0.016 (.4)  |             | 3300 | 500   | CDS19FD332J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 400  | 50    | CDS5FY401J03F  | 0.250 (6.4)  | 0.190 (4.8)  | 0.170 (4.3) | 0.120 (3.0)  | 0.016 (.4)  |             | 3300 | 500   | CDS30FD332J03F | 0.720 (18.3) | 0.790 (20.1) | 0.190 (4.8) | 0.438 (11.1) | 0.040 (1.0) |             |
| 400  | 100   | CDS10FA401J03F | 0.340 (8.6)  | 0.270 (6.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 3600 | 500   | CDS19FD362J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 430  | 100   | CD7FA431J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 3600 | 500   | CDS30FD362J03F | 0.720 (18.3) | 0.790 (20.1) | 0.200 (5.1) | 0.438 (11.1) | 0.040 (1.0) |             |
| 430  | 500   | D75F431J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 3900 | 500   | CDS19FD392J03F | 0.630 (16.0) | 0.470 (11.9) | 0.210 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 430  | 500   | CDS15FD431J03F | 0.440 (11.2) | 0.290 (7.4)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 3900 | 500   | CDS30FD392J03F | 0.720 (18.3) | 0.790 (20.1) | 0.200 (5.1) | 0.438 (11.1) | 0.040 (1.0) |             |
| 430  | 500   | CDS19FD431J03F | 0.610 (15.5) | 0.450 (11.4) | 0.140 (3.6) | 0.344 (8.7)  | 0.032 (.8)  |             | 4300 | 500   | CDS19FD432J03F | 0.630 (16.0) | 0.470 (11.9) | 0.220 (5.6) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 470  | 100   | CD7FA471J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 4300 | 500   | CDS30FD432J03F | 0.720 (18.3) | 0.790 (20.1) | 0.200 (5.1) | 0.438 (11.1) | 0.040 (1.0) |             |
| 470  | 500   | D75F471J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 4700 | 500   | CDS19FD472J03F | 0.630 (16.0) | 0.470 (11.9) | 0.230 (5.8) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 470  | 500   | CDS15FD471J03F | 0.440 (11.2) | 0.300 (7.6)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 4700 | 500   | CDS30FD472J03F | 0.720 (18.3) | 0.790 (20.1) | 0.210 (5.3) | 0.438 (11.1) | 0.040 (1.0) |             |
| 470  | 500   | CDS19FD471J03F | 0.610 (15.5) | 0.450 (11.4) | 0.140 (3.6) | 0.344 (8.7)  | 0.032 (.8)  |             | 5000 | 500   | CDS19FD502J03F | 0.630 (16.0) | 0.480 (12.2) | 0.240 (6.1) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 470  | 500   | CDS30FD471J03F | 0.720 (18.3) | 0.790 (20.1) | 0.180 (4.6) | 0.438 (11.1) | 0.040 (1.0) |             | 5000 | 500   | CDS30FD502J03F | 0.720 (18.3) | 0.790 (20.1) | 0.210 (5.3) | 0.438 (11.1) | 0.040 (1.0) |             |
| 500  | 500   | D75F501J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 5100 | 500   | CDS19FD512J03F | 0.630 (16.0) | 0.480 (12.2) | 0.240 (6.1) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 500  | 500   | CDS15FD501J03F | 0.440 (11.2) | 0.300 (7.6)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 5100 | 500   | CDS30FD512J03F | 0.720 (18.3) | 0.790 (20.1) | 0.210 (5.3) | 0.438 (11.1) | 0.040 (1.0) |             |
| 500  | 500   | CDS19FD501J03F | 0.610 (15.5) | 0.450 (11.4) | 0.140 (3.6) | 0.344 (8.7)  | 0.032 (.8)  |             | 5600 | 300   | CDS19FC562J03F | 0.640 (16.3) | 0.480 (12.2) | 0.250 (6.4) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 510  | 100   | CD7FA511J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 5600 | 500   | CDS30FD562J03F | 0.720 (18.3) | 0.790 (20.1) | 0.220 (5.6) | 0.438 (11.1) | 0.040 (1.0) |             |
| 510  | 500   | D75F511J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 6200 | 300   | CDS19FC622J03F | 0.640 (16.3) | 0.480 (12.2) | 0.260 (6.6) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 510  | 500   | CDS15FD511J03F | 0.440 (11.2) | 0.300 (7.6)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 6200 | 500   | CDS30FD622J03F | 0.730 (18.5) | 0.800 (20.3) | 0.220 (5.6) | 0.438 (11.1) | 0.040 (1.0) |             |
| 510  | 500   | CDS19FD511J03F | 0.610 (15.5) | 0.450 (11.4) | 0.140 (3.6) | 0.344 (8.7)  | 0.032 (.8)  |             | 6800 | 300   | CDS19FC682J03F | 0.640 (16.3) | 0.490 (12.4) | 0.270 (6.9) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 560  | 100   | CD7FA561J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.016 (.4)  |             | 6800 | 500   | CDS30FD682J03F | 0.730 (18.5) | 0.800 (20.3) | 0.230 (5.8) | 0.438 (11.1) | 0.040 (1.0) |             |
| 560  | 300   | D73F561J03F    | 0.340 (8.6)  | 0.310 (7.9)  | 0.160 (4.1) | 0.141 (3.6)  | 0.016 (.4)  |             | 7500 | 100   | CDS19FA752J03  | 0.650 (16.5) | 0.490 (12.4) | 0.280 (7.1) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 560  | 300   | CDS15FC561J03F | 0.450 (11.4) | 0.310 (7.9)  | 0.160 (4.1) | 0.234 (5.9)  | 0.025 (.6)  |             | 7500 | 500   | CDS30FD752J03F | 0.730 (18.5) | 0.800 (20.3) | 0.240 (6.1) | 0.438 (11.1) | 0.040 (1.0) |             |
| 560  | 500   | CDS19FD561J03F | 0.610 (15.5) | 0.450 (11.4) | 0.150 (3.8) | 0.344 (8.7)  | 0.032 (.8)  |             | 8200 | 100   | CDS19FA822J03F | 0.650 (16.5) | 0.490 (12.4) | 0.300 (7.6) | 0.344 (8.7)  | 0.032 (.8)  |             |
| 620  | 100   | CD7FA621J03    | 0.275 (7.0)  | 0.260 (6.6)  | 0.125 (3.2) | 0.172 (4.4)  | 0.          |             |      |       |                |              |              |             |              |             |             |

## Mica Capacitors **Miniature Dipped**

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