

# Mica Capacitors **Standard Dipped**

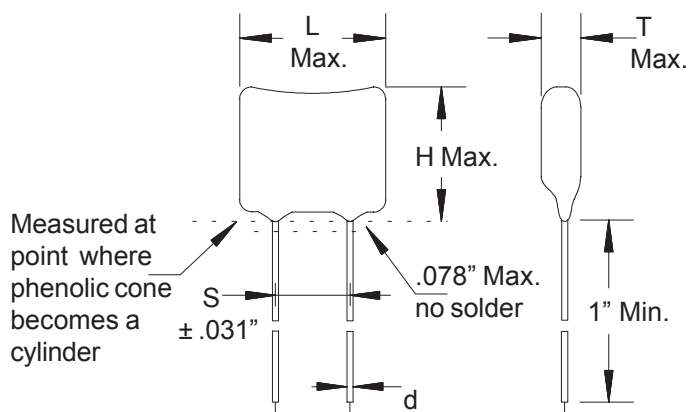
## Types CD10, D10, CD15, CD19, CD30, CD42, CDV19, CDV30



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

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| <b>Capacitance Range:</b>        | 1 pF to 91,000 pF                                            |
| <b>Voltage Range:</b>            | 100 Vdc to 2,500 Vdc                                         |
| <b>Capacitance Tolerance:</b>    | ±1/2 pF (D), ±1 pF (C), ±1/2% (E), ±1% (F), ±2% (G), ±5% (J) |
| <b>Temperature Range:</b>        | –55 °C to +125 °C (O) –55 °C to +150 °C (P)*                 |
| <b>Dielectric Strength Test:</b> | 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<br>(pF) | Volts<br>(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<br>(pF) | Volts<br>(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 (4.0) |
| 82          | 500            | CD15ED820J03  | 0.45 (11.4) | 0.36 (9.1)  | 0.18 (4.6) | 0.234 (5.9)  | 0.025 (6.0) |
| 82          | 1,000          | CDV19EF820J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 91          | 500            | CD15FD910J03  | 0.46 (11.7) | 0.36 (9.1)  | 0.18 (4.6) | 0.234 (5.9)  | 0.025 (6.0) |
| 91          | 1,000          | CDV19FF910J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 100         | 500            | CD15FD101J03  | 0.46 (11.7) | 0.36 (9.1)  | 0.18 (4.6) | 0.234 (5.9)  | 0.025 (6.0) |
| 100         | 500            | CD19FD101J03  | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 100         | 1000           | CDV19FF101J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 110         | 500            | CD15FD111J03  | 0.46 (11.7) | 0.37 (9.4)  | 0.18 (4.6) | 0.234 (5.9)  | 0.025 (6.0) |
| 110         | 1000           | CDV19FF111J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 120         | 500            | CD15FD121J03  | 0.46 (11.7) | 0.37 (9.4)  | 0.18 (4.6) | 0.234 (5.9)  | 0.025 (6.0) |
| 120         | 500            | CD19FD121J03  | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 120         | 1000           | CDV19FF121J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 130         | 500            | CD15FD131J03  | 0.46 (11.7) | 0.37 (9.4)  | 0.18 (4.6) | 0.234 (5.9)  | 0.025 (6.0) |
| 130         | 1000           | CDV19FF131J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 150         | 500            | CD15FD151J03  | 0.46 (11.7) | 0.37 (9.4)  | 0.19 (4.8) | 0.234 (5.9)  | 0.025 (6.0) |
| 150         | 500            | CD19FD151J03  | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 150         | 1000           | CDV19FF151J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 160         | 500            | CD15FD161J03  | 0.46 (11.7) | 0.37 (9.4)  | 0.19 (4.8) | 0.234 (5.9)  | 0.025 (6.0) |
| 160         | 1000           | CDV19FF161J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 180         | 500            | CD15FD181J03  | 0.46 (11.7) | 0.37 (9.4)  | 0.19 (4.8) | 0.234 (5.9)  | 0.025 (6.0) |
| 180         | 500            | CD19FD181J03  | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 180         | 1000           | CDV19FF181J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 200         | 500            | CD15FD201J03  | 0.46 (11.7) | 0.38 (9.7)  | 0.19 (4.8) | 0.234 (5.9)  | 0.025 (6.0) |
| 200         | 1000           | CDV19FF201J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |
| 220         | 500            | CD15FD221J03  | 0.46 (11.7) | 0.38 (9.7)  | 0.20 (5.1) | 0.234 (5.9)  | 0.025 (6.0) |
| 220         | 500            | CD19FD221J03  | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 220         | 1000           | CDV19FF221J03 | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (8.0) |
| 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 (4.0) |

# Mica Capacitors Standard Dipped

| Cap (pF) | Volts (Vdc) | Catalog Part Number | L in (mm)   | H in (mm)   | T in (mm)  | S in (mm)    | d in (mm)   |
|----------|-------------|---------------------|-------------|-------------|------------|--------------|-------------|
| 240      | 500         | CD10FD241J03        | 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)  |
| 240      | 500         | CD19FD241J03        | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 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)  |
| 240      | 1,500       | CDV30FH241J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 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) |
| 250      | 500         | CD10FD251J03        | 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)  |
| 250      | 500         | CD19FD251J03        | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 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)  |
| 270      | 500         | CD19FD271J03        | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (.8)  |
| 270      | 500         | D105F271J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 270      | 500         | CD15FD271J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 270      | 1,000       | CDV19FF271J03       | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (.8)  |
| 270      | 1,500       | CDV30FH271J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 270      | 2,000       | CDV30FJ271J03       | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 300      | 300         | CD10FC301J03        | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 300      | 500         | D105F301J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 300      | 500         | CD15FD301J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 300      | 500         | CD19FD301J03        | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (.8)  |
| 300      | 2,000       | CDV30FJ301J03       | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 330      | 100         | CD10FA331J03        | 0.39 (9.9)  | 0.37 (9.4)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 330      | 500         | D105F331J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 330      | 500         | CD15FD331J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 330      | 500         | CD19FD331J03        | 0.64 (16.3) | 0.50 (12.7) | 0.19 (4.8) | 0.344 (8.7)  | 0.032 (.8)  |
| 330      | 2,000       | CDV30FJ331J03       | 0.77 (19.6) | 0.86 (21.8) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 330      | 2,500       | CDV30FK331J03       | 0.78 (19.8) | 0.87 (22.1) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 360      | 100         | CD10FA361J03        | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 360      | 500         | D105F361J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 360      | 500         | CD15FD361J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 360      | 500         | CD19FD361J03        | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 390      | 100         | CD10FA391J03        | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 390      | 500         | D105F391J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 390      | 500         | CD15FD391J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 390      | 500         | CD19FD391J03        | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 390      | 1000        | CDV19FF391J03       | 0.65 (16.5) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 390      | 1500        | CDV30FH391J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 400      | 100         | CD10FA401J03        | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 430      | 500         | D105F431J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 430      | 500         | CD15FD431J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 430      | 500         | CD19FD431J03        | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 430      | 1500        | CDV30FH431J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 470      | 500         | D105F471J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 470      | 500         | CD15FD471J03        | 0.47 (11.9) | 0.40 (10.2) | 0.22 (5.6) | 0.234 (5.9)  | 0.025 (.6)  |
| 470      | 500         | CD19FD471J03        | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 470      | 1,500       | CDV30FH471J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 470      | 2,000       | CDV30FJ471J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 470      | 2500        | CDV30FK471J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 500      | 500         | D105F501J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 500      | 500         | CD15FD501J03        | 0.47 (11.9) | 0.40 (10.2) | 0.22 (5.6) | 0.234 (5.9)  | 0.025 (.6)  |
| 500      | 500         | CD19FD501J03        | 0.64 (16.3) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 500      | 1,500       | CDV30FH501J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 500      | 2000        | CDV30FJ501J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 500      | 2500        | CDV30FK501J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 510      | 500         | D105F511J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 510      | 500         | CD15FD511J03        | 0.47 (11.9) | 0.40 (10.2) | 0.22 (5.6) | 0.234 (5.9)  | 0.025 (.6)  |
| 510      | 500         | CD19FD511J03        | 0.65 (16.5) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 510      | 1,500       | CDV30FH511J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 510      | 2000        | CDV30FJ511J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 510      | 2500        | CDV30FK511J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 560      | 300         | D103F561J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 560      | 300         | CD15FC561J03        | 0.46 (11.7) | 0.38 (9.7)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 560      | 500         | CD19FD561J03        | 0.65 (16.5) | 0.51 (13.0) | 0.20 (5.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 560      | 1,000       | CDV19FF561J03       | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |
| 560      | 1500        | CDV30FH561J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 560      | 2000        | CDV30FJ561J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 560      | 2,500       | CDV30FK561J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 620      | 300         | D103F621J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 620      | 300         | CD15FC621J03        | 0.46 (11.7) | 0.38 (9.7)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 620      | 500         | CD19FD621J03        | 0.65 (16.5) | 0.51 (13.0) | 0.20 (5.1) | 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) |
| 620      | 2,000       | CDV30FJ621J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 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) |
| 680      | 300         | D103F681J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 680      | 300         | CD15FC681J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 680      | 500         | CD19FD681J03        | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |
| 680      | 1,000       | CDV19FF681J03       | 0.66 (16.8) | 0.52 (13.2) | 0.22 (5.6) | 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) |
| 680      | 2000        | CDV30FJ681J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 680      | 2500        | CDV30FK681J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 750      | 300         | D103F751J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 750      | 300         | CD15FC751J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 750      | 500         | CD19FD751J03        | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |
| 750      | 1,500       | CDV30FH751J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 750      | 2000        | CDV30FJ751J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 750      | 2500        | CDV30FK751J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 820      | 300         | D103F821J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 820      | 300         | CD15FC821J03        | 0.47 (11.9) | 0.39 (9.9)  | 0.21 (5.3) | 0.234 (5.9)  | 0.025 (.6)  |
| 820      | 500         | CD19FD821J03        | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |
| 820      | 1,000       | CDV19FF821J03       | 0.66 (16.8) | 0.53 (13.5) | 0.23 (5.8) | 0.344 (8.7)  | 0.032 (.8)  |
| 820      | 1500        | CDV30FH821J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 820      | 2000        | CDV30FJ821J03       | 0.77 (19.6) | 0.87 (22.1) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 820      | 2,500       | CDV30FK821J03       | 0.78 (19.8) | 0.87 (22.1) | 0.27 (6.9) | 0.438 (11.1) | 0.040 (1.0) |
| 910      | 100         | D101F911J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 910      | 100         | CD15FA911J03        | 0.47 (11.9) | 0.40 (10.2) | 0.22 (5.6) | 0.234 (5.9)  | 0.025 (.6)  |
| 910      | 500         | CD19FD911J03        | 0.65 (16.5) | 0.51 (13.0) | 0.21 (5.3) | 0.344 (8.7)  | 0.032 (.8)  |
| 910      | 1000        | CDV19FF911J03       | 0.67 (17.0) | 0.53 (13.5) | 0.24 (6.1) | 0.344 (8.7)  | 0.032 (.8)  |
| 910      | 1500        | CDV30FH911J03       | 0.77 (19.6) | 0.85 (21.6) | 0.25 (6.4) | 0.438 (11.1) | 0.040 (1.0) |
| 910      | 2,000       | CDV30FJ911J03       | 0.78 (19.8) | 0.88 (22.4) | 0.28 (7.1) | 0.438 (11.1) | 0.040 (1.0) |
| 910      | 2,500       | CDV30FK911J03       | 0.78 (19.8) | 0.87 (22.1) | 0.29 (7.4) | 0.438 (11.1) | 0.040 (1.0) |
| 1000     | 100         | D101F102J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 1000     | 100         | CD15FA102J03        | 0.48 (12.2) | 0.40 (10.2) | 0.23 (5.8) | 0.234 (5.9)  | 0.025 (.6)  |
| 1000     | 500         | CD19FD102J03        | 0.65 (16.5) | 0.52 (13.2) | 0.22 (5.6) | 0.344 (8.7)  | 0.032 (.8)  |
| 1000     | 1000        | CDV19FF102J03       | 0.67 (17.0) | 0.53 (13.5) | 0.25 (6.4) | 0.344 (8.7)  | 0.032 (.8)  |
| 1000     | 1,500       | CDV30FH102J03       | 0.77 (19.6) | 0.86 (21.8) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 1000     | 2,000       | CDV30FJ102J03       | 0.78 (19.8) | 0.88 (22.4) | 0.28 (7.1) | 0.438 (11.1) | 0.040 (1.0) |
| 1000     | 2,500       | CDV30FK102J03       | 0.79 (20.1) | 0.88 (22.4) | 0.31 (7.9) | 0.438 (11.1) | 0.040 (1.0) |
| 1100     | 100         | D101F112J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 1100     | 100         | CD15FA112J03        | 0.49 (12.4) | 0.42 (10.7) | 0.24 (6.1) | 0.234 (5.9)  | 0.025 (.6)  |
| 1100     | 500         | CD19FD112J03        | 0.65 (16.5) | 0.52 (13.2) | 0.22 (5.6) | 0.344 (8.7)  | 0.032 (.8)  |
| 1100     | 1,000       | CDV19FF112J03       | 0.67 (17.0) | 0.53 (13.5) | 0.25 (6.4) | 0.344 (8.7)  | 0.032 (.8)  |
| 1100     | 1,500       | CDV30FH112J03       | 0.77 (19.6) | 0.86 (21.8) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 1200     | 100         | D101F122J03         | 0.39 (9.9)  | 0.38 (9.7)  | 0.22 (5.6) | 0.141 (3.6)  | 0.016 (.4)  |
| 1200     | 100         | CD15FA122J03        | 0.49 (12.4) | 0.42 (10.7) | 0.24 (6.1) | 0.234 (5.9)  | 0.025 (.6)  |
| 1200     | 500         | CD19FD122J03        | 0.66 (16.8) | 0.52 (13.2) | 0.22 (5.6) | 0.344 (8.7)  | 0.032 (.8)  |
| 1200     | 1500        | CDV30FH122J03       | 0.77 (19.6) | 0.86 (21.8) | 0.26 (6.6) | 0.438 (11.1) | 0.040 (1.0) |
| 1200     | 2,000       | CDV30FJ122J03       | 0.78 (19.8) | 0.88 (22.4) | 0.28 (7.   |              |             |

# Mica Capacitors **Standard Dipped**

| Cap<br>(pF) | Volts<br>(Vdc) | Catalog<br>Part Number | L<br>in (mm) | H<br>in (mm) | T<br>in (mm) | S<br>in (mm) | d<br>in (mm) | Cap<br>(pF) | Volts<br>(Vdc) | Catalog<br>Part Number | L<br>in (mm) | H<br>in (mm) | T<br>in (mm) | S<br>in (mm) | d<br>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            | CD30FC273J03           | 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            |             |                |                        |              |              |              |              |              |