

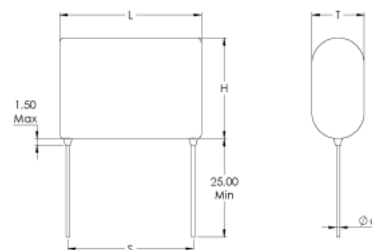
# Type DME Polyester Film Capacitors

## Metallized Radial Leads

## DC Applications - Miniature Size



**Type DME** radial-leaded, mini-dipped capacitors deliver virtually the same performance of other capacitors physically twice as big. Improvements in film technology permit the use of thinner dielectric. **Type DME** self heals shorts caused by overvoltage transients. For small size and low cost, **Type DME** is tops.



**NOTE:** Refer to Application Guide for test conditions.  
Contact us for other capacitance values, sizes and performance specifications.

## Specifications

|                             |  |
|-----------------------------|--|
| Capacitance Range           | .01-10 $\mu$ F                                   |
| Capacitance Tolerance       | $\pm$ 10% (K) standard, $\pm$ 5% (J) optional    |
| Rated Voltage               | 100-1000 Vdc                                     |
| Operating Temperature Range | -55 °C to +125 °C (with 50% Vdc derating >85 °C) |
| Dielectric Strength         | 150% (1 minute)                                  |
| Dissipation Factor          | 1% Max. (25 °C, 1kHz)                            |
| Insulation Resistance       | 3,000 M $\Omega$ x $\mu$ F, 9,000 M $\Omega$ Min |
| Life Test                   | 1000 Hours at 85°C at 125% Rated Voltage         |

### Regulatory Information

## Ratings

| Cap. ( $\mu$ F) | Catalog Part Number | T Max. Inches (mm) | H Max. Inches (mm) | L Max. Inches (mm) | S $\pm$ .04 ( $\pm$ 1.0) Inches (mm) | d Inches (mm) | dV/dt V/ $\mu$ s |
|-----------------|---------------------|--------------------|--------------------|--------------------|--------------------------------------|---------------|------------------|
| <b>100 Vdc</b>  |                     |                    |                    |                    |                                      |               |                  |
| 0.56            | DME1P56K-F          | 0.217 (5.5)        | 0.429 (10.9)       | 0.492 (12.5)       | 0.394 (10.0)                         | 0.024 (0.6)   | 16               |
| 0.68            | DME1P68K-F          | 0.236 (6.0)        | 0.469 (11.9)       | 0.492 (12.5)       | 0.394 (10.0)                         | 0.024 (0.6)   | 16               |
| 0.82            | DME1P82K-F          | 0.256 (6.5)        | 0.531 (13.5)       | 0.492 (12.5)       | 0.394 (10.0)                         | 0.024 (0.6)   | 16               |
| 1.00            | DME1W1K-F           | 0.276 (7.0)        | 0.551 (14.0)       | 0.492 (12.5)       | 0.394 (10.0)                         | 0.024 (0.6)   | 16               |
| 1.20            | DME1W1P2K-F         | 0.217 (5.5)        | 0.504 (12.8)       | 0.728 (18.5)       | 0.591 (15.0)                         | 0.024 (0.6)   | 10               |
| 1.50            | DME1W1P5K-F         | 0.256 (6.5)        | 0.528 (13.4)       | 0.728 (18.5)       | 0.591 (15.0)                         | 0.032 (0.8)   | 10               |
| 1.80            | DME1W1P8K-F         | 0.256 (6.5)        | 0.571 (14.5)       | 0.728 (18.5)       | 0.591 (15.0)                         | 0.032 (0.8)   | 10               |
| 2.20            | DME1W2P2K-F         | 0.295 (7.5)        | 0.610 (15.5)       | 0.728 (18.5)       | 0.591 (15.0)                         | 0.032 (0.8)   | 10               |
| 2.70            | DME1W2P7K-F         | 0.315 (8.0)        | 0.630 (16.0)       | 0.728 (18.5)       | 0.591 (15.0)                         | 0.032 (0.8)   | 10               |
| 3.30            | DME1W3P3K-F         | 0.354 (9.0)        | 0.650 (16.5)       | 0.728 (18.5)       | 0.591 (15.0)                         | 0.032 (0.8)   | 10               |
| 3.90            | DME1W3P9K-F         | 0.276 (7.0)        | 0.646 (16.4)       | 1.024 (26.0)       | 0.886 (22.5)                         | 0.032 (0.8)   | 6                |
| 4.70            | DME1W4P7K-F         | 0.315 (8.0)        | 0.669 (17.0)       | 1.024 (26.0)       | 0.886 (22.5)                         | 0.032 (0.8)   | 6                |
| 5.60            | DME1W5P6K-F         | 0.354 (9.0)        | 0.689 (17.5)       | 1.024 (26.0)       | 0.886 (22.5)                         | 0.032 (0.8)   | 6                |
| 6.80            | DME1W6P8K-F         | 0.374 (9.5)        | 0.728 (18.5)       | 1.024 (26.0)       | 0.886 (22.5)                         | 0.032 (0.8)   | 6                |
| 8.20            | DME1W8P2K-F         | 0.394 (10.0)       | 0.787 (20.0)       | 1.024 (26.0)       | 0.886 (22.5)                         | 0.032 (0.8)   | 6                |
| 10.00           | DME1W10K-F          | 0.453 (11.5)       | 0.827 (21.0)       | 1.024 (26.0)       | 0.886 (22.5)                         | 0.032 (0.8)   | 6                |

# Type DME Polyester Film Capacitors

| Cap.<br>( $\mu$ F) | Catalog<br>Part Number | T Max.<br>Inches (mm) | H Max.<br>Inches (mm) | L Max.<br>Inches (mm) | S $\pm$ .04 ( $\pm$ 1.0) | d<br>Inches (mm) | dV/dt<br>V/ $\mu$ s |
|--------------------|------------------------|-----------------------|-----------------------|-----------------------|--------------------------|------------------|---------------------|
| <b>250 Vdc</b>     |                        |                       |                       |                       |                          |                  |                     |
| 0.010              | DME2S1K-F              | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.012              | DME2S12K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.015              | DME2S15K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.018              | DME2S18K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.022              | DME2S22K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.027              | DME2S27K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.033              | DME2S33K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.039              | DME2S39K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.047              | DME2S47K-F             | 0.177 (4.5)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.056              | DME2S56K-F             | 0.189 (4.8)           | 0.311 (7.9)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.068              | DME2S68K-F             | 0.189 (4.8)           | 0.311 (7.9)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.082              | DME2S82K-F             | 0.197 (5.0)           | 0.315 (8.0)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.100              | DME2P1K-F              | 0.228 (5.8)           | 0.346 (8.8)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.120              | DME2P12K-F             | 0.236 (6.0)           | 0.354 (9.0)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.150              | DME2P15K-F             | 0.236 (6.0)           | 0.425 (10.8)          | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 31                  |
| 0.180              | DME2P18K-F             | 0.197 (5.0)           | 0.413 (10.5)          | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 20                  |
| 0.220              | DME2P22K-F             | 0.236 (6.0)           | 0.413 (10.5)          | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 20                  |
| 0.270              | DME2P27K-F             | 0.236 (6.0)           | 0.453 (11.5)          | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 20                  |
| 0.330              | DME2P33K-F             | 0.276 (7.0)           | 0.472 (12.0)          | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 20                  |
| 0.390              | DME2P39K-F             | 0.193 (4.9)           | 0.472 (12.0)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.024 (0.6)      | 12                  |
| 0.470              | DME2P47K-F             | 0.236 (6.0)           | 0.492 (12.5)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.024 (0.6)      | 12                  |
| 0.560              | DME2P56K-F             | 0.236 (6.0)           | 0.512 (13.0)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.024 (0.6)      | 12                  |
| 0.680              | DME2P68K-F             | 0.256 (6.5)           | 0.531 (13.5)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.032 (0.8)      | 12                  |
| 0.820              | DME2P82K-F             | 0.276 (7.0)           | 0.590 (15.0)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.032 (0.8)      | 12                  |
| 1.000              | DME2W1K-F              | 0.315 (8.0)           | 0.610 (15.5)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.032 (0.8)      | 12                  |
| 1.200              | DME2W1P2K-F            | 0.315 (8.0)           | 0.626 (15.9)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.032 (0.8)      | 12                  |
| 1.500              | DME2W1P5K-F            | 0.374 (9.5)           | 0.689 (17.5)          | 0.728 (18.5)          | 0.591 (15.0)             | 0.032 (0.8)      | 12                  |
| 1.800              | DME2W1P8K-F            | 0.295 (7.5)           | 0.610 (15.5)          | 1.024 (26.0)          | 0.886 (22.5)             | 0.032 (0.8)      | 7                   |
| 2.200              | DME2W2P2K-F            | 0.354 (9.0)           | 0.669 (17.0)          | 1.024 (26.0)          | 0.886 (22.5)             | 0.032 (0.8)      | 7                   |
| 2.700              | DME2W2P7K-F            | 0.394 (10.0)          | 0.689 (17.5)          | 1.024 (26.0)          | 0.886 (22.5)             | 0.032 (0.8)      | 7                   |
| 3.300              | DME2W3P3K-F            | 0.413 (10.5)          | 0.748 (19.0)          | 1.024 (26.0)          | 0.886 (22.5)             | 0.032 (0.8)      | 7                   |
| 3.900              | DME2W3P9K-F            | 0.443 (11.2)          | 0.807 (20.5)          | 1.024 (26.0)          | 0.886 (22.5)             | 0.032 (0.8)      | 7                   |
| 4.700              | DME2W4P7K-F            | 0.492 (12.5)          | 0.886 (22.5)          | 1.024 (26.0)          | 0.886 (22.5)             | 0.032 (0.8)      | 7                   |
| 5.600              | DME2W5P6K-F            | 0.492 (12.5)          | 0.846 (21.5)          | 1.220 (31.0)          | 1.083 (27.5)             | 0.032 (0.8)      | 6                   |
| 6.800              | DME2W6P8K-F            | 0.531 (13.5)          | 0.886 (22.5)          | 1.220 (31.0)          | 1.083 (27.5)             | 0.032 (0.8)      | 6                   |
| 8.200              | DME2W8P2K-F            | 0.590 (15.0)          | 0.945 (24.0)          | 1.220 (31.0)          | 1.083 (27.5)             | 0.032 (0.8)      | 6                   |
| 10.000             | DME2W10K-F             | 0.630 (16.0)          | 1.024 (26.0)          | 1.220 (31.0)          | 1.083 (27.5)             | 0.032 (0.8)      | 6                   |
| <b>400 Vdc</b>     |                        |                       |                       |                       |                          |                  |                     |
| 0.010              | DME4S1K-F              | 0.169 (4.3)           | 0.291 (7.4)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.012              | DME4S12K-F             | 0.173 (4.4)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.015              | DME4S15K-F             | 0.173 (4.4)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.018              | DME4S18K-F             | 0.173 (4.4)           | 0.295 (7.5)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.022              | DME4S22K-F             | 0.189 (4.8)           | 0.311 (7.9)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.027              | DME4S27K-F             | 0.217 (5.5)           | 0.315 (8.0)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.033              | DME4S33K-F             | 0.236 (6.0)           | 0.354 (9.0)           | 0.406 (10.3)          | 0.295 (7.5)              | 0.024 (0.6)      | 46                  |
| 0.039              | DME4S39K-F             | 0.193 (4.9)           | 0.315 (8.0)           | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 30                  |
| 0.047              | DME4S47K-F             | 0.217 (5.5)           | 0.335 (8.5)           | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 30                  |
| 0.056              | DME4S56K-F             | 0.217 (5.5)           | 0.394 (10.0)          | 0.492 (12.5)          | 0.394 (10.0)             | 0.024 (0.6)      | 30                  |

# Type DME Polyester Film Capacitors

| Cap. (µF)      | Catalog Part Number | T Max. Inches (mm) | H Max. Inches (mm) | L Max. Inches (mm) | S ±.04 (±1.0) Inches (mm) | d Inches (mm) | dV/dt V/µs |
|----------------|---------------------|--------------------|--------------------|--------------------|---------------------------|---------------|------------|
| <b>400 Vdc</b> |                     |                    |                    |                    |                           |               |            |
| 0.068          | DME4S68K-F          | 0.236 (6.0)        | 0.413 (10.5)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 30         |
| 0.082          | DME4S82K-F          | 0.248 (6.3)        | 0.433 (11.0)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 30         |
| 0.100          | DME4P1K-F           | 0.256 (6.5)        | 0.472 (12.0)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 30         |
| 0.120          | DME4P12K-F          | 0.217 (5.5)        | 0.394 (10.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 17         |
| 0.150          | DME4P15K-F          | 0.217 (5.5)        | 0.488 (12.4)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 17         |
| 0.180          | DME4P18K-F          | 0.217 (5.5)        | 0.492 (12.5)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 17         |
| 0.220          | DME4P22K-F          | 0.256 (6.5)        | 0.512 (13.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 17         |
| 0.270          | DME4P27K-F          | 0.256 (6.5)        | 0.563 (14.3)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 17         |
| 0.330          | DME4P33K-F          | 0.295 (7.5)        | 0.587 (14.9)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 17         |
| 0.390          | DME4P39K-F          | 0.295 (7.5)        | 0.606 (15.4)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 17         |
| 0.470          | DME4P47K-F          | 0.327 (8.3)        | 0.669 (17.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 17         |
| 0.560          | DME4P56K-F          | 0.276 (7.0)        | 0.630 (16.0)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 11         |
| 0.680          | DME4P68K-F          | 0.295 (7.5)        | 0.650 (16.5)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 11         |
| 0.820          | DME4P82K-F          | 0.315 (8.0)        | 0.689 (17.5)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 11         |
| 1.000          | DME4W1K-F           | 0.335 (8.5)        | 0.728 (18.5)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 11         |
| 1.200          | DME4W1P2K-F         | 0.374 (9.5)        | 0.744 (18.9)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 11         |
| 1.500          | DME4W1P5K-F         | 0.374 (9.5)        | 0.748 (19.0)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 9          |
| 1.800          | DME4W1P8K-F         | 0.433 (11.0)       | 0.807 (20.5)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 9          |
| 2.200          | DME4W2P2K-F         | 0.453 (11.5)       | 0.866 (22.0)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 9          |
| <b>630 Vdc</b> |                     |                    |                    |                    |                           |               |            |
| 0.010          | DME6S1K-F           | 0.197 (5.0)        | 0.315 (8.0)        | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.012          | DME6S12K-F          | 0.197 (5.0)        | 0.315 (8.0)        | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.015          | DME6S15K-F          | 0.217 (5.5)        | 0.335 (8.5)        | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.018          | DME6S18K-F          | 0.217 (5.5)        | 0.394 (10.0)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.022          | DME6S22K-F          | 0.217 (5.5)        | 0.413 (10.5)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.027          | DME6S27K-F          | 0.217 (5.5)        | 0.429 (10.9)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.033          | DME6S33K-F          | 0.256 (6.5)        | 0.469 (11.9)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.039          | DME6S39K-F          | 0.236 (6.0)        | 0.528 (13.4)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.047          | DME6S47K-F          | 0.276 (7.0)        | 0.531 (13.5)       | 0.492 (12.5)       | 0.394 (10.0)              | 0.024 (0.6)   | 66         |
| 0.056          | DME6S56K-F          | 0.236 (6.0)        | 0.413 (10.5)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 33         |
| 0.068          | DME6S68K-F          | 0.236 (6.0)        | 0.453 (11.5)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 33         |
| 0.082          | DME6S82K-F          | 0.276 (7.0)        | 0.472 (12.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 33         |
| 0.100          | DME6P1K-F           | 0.256 (6.5)        | 0.551 (14.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.024 (0.6)   | 33         |
| 0.120          | DME6P12K-F          | 0.256 (6.5)        | 0.571 (14.5)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 33         |
| 0.150          | DME6P15K-F          | 0.315 (8.0)        | 0.630 (16.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 33         |
| 0.180          | DME6P18K-F          | 0.315 (8.0)        | 0.630 (16.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 33         |
| 0.220          | DME6P22K-F          | 0.374 (9.5)        | 0.669 (17.0)       | 0.728 (18.5)       | 0.591 (15.0)              | 0.032 (0.8)   | 33         |
| 0.270          | DME6P27K-F          | 0.276 (7.0)        | 0.650 (16.5)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 19         |
| 0.330          | DME6P33K-F          | 0.315 (8.0)        | 0.689 (17.5)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 19         |
| 0.390          | DME6P39K-F          | 0.335 (8.5)        | 0.705 (17.9)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 19         |
| 0.470          | DME6P47K-F          | 0.394 (10.0)       | 0.728 (18.5)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 19         |
| 0.560          | DME6P56K-F          | 0.413 (10.5)       | 0.787 (20.0)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 19         |
| 0.680          | DME6P68K-F          | 0.472 (12.0)       | 0.827 (21.0)       | 1.024 (26.0)       | 0.886 (22.5)              | 0.032 (0.8)   | 19         |
| 0.820          | DME6P82K-F          | 0.453 (11.5)       | 0.807 (20.5)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 15         |
| 1.000          | DME6W1K-F           | 0.512 (13.0)       | 0.866 (22.0)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 15         |
| 1.200          | DME6W1P2K-F         | 0.531 (13.5)       | 0.906 (23.0)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 15         |
| 1.500          | DME6W1P5K-F         | 0.630 (16.0)       | 0.985 (25.0)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 15         |
| 1.800          | DME6W1P8K-F         | 0.669 (17.0)       | 1.063 (27.0)       | 1.220 (31.0)       | 1.083 (27.5)              | 0.032 (0.8)   | 15         |

# Type DME Polyester Film Capacitors

| Cap.<br>( $\mu$ F) | Catalog<br>Part Number | T Max. |        | H Max. |        | L Max. |        | S $\pm$ .04 ( $\pm$ 1.0) |        | d      |       | dV/dt<br>V/ $\mu$ s |
|--------------------|------------------------|--------|--------|--------|--------|--------|--------|--------------------------|--------|--------|-------|---------------------|
|                    |                        | Inches | (mm)   | Inches | (mm)   | Inches | (mm)   | Inches                   | (mm)   | Inches | (mm)  |                     |
| 2.200              | DME6W2P2K-F            | 0.787  | (20.0) | 1.142  | (29.0) | 1.220  | (31.0) | 1.083                    | (27.5) | 0.032  | (0.8) | 15                  |
| <b>1000 Vdc</b>    |                        |        |        |        |        |        |        |                          |        |        |       |                     |
| 0.010              | DME10S1K-F             | 0.236  | (6.0)  | 0.433  | (11.0) | 0.610  | (15.5) | 0.492                    | (12.5) | 0.024  | (0.6) | 93                  |
| 0.012              | DME10S12K-F            | 0.236  | (6.0)  | 0.472  | (12.0) | 0.610  | (15.5) | 0.492                    | (12.5) | 0.024  | (0.6) | 93                  |
| 0.015              | DME10S15K-F            | 0.276  | (7.0)  | 0.492  | (12.5) | 0.610  | (15.5) | 0.492                    | (12.5) | 0.024  | (0.6) | 93                  |
| 0.018              | DME10S18K-F            | 0.295  | (7.5)  | 0.512  | (13.0) | 0.610  | (15.5) | 0.492                    | (12.5) | 0.032  | (0.8) | 93                  |
| 0.022              | DME10S22K-F            | 0.295  | (7.5)  | 0.610  | (15.5) | 0.610  | (15.5) | 0.492                    | (12.5) | 0.032  | (0.8) | 93                  |
| 0.027              | DME10S27K-F            | 0.236  | (6.0)  | 0.512  | (13.0) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.033              | DME10S33K-F            | 0.256  | (6.5)  | 0.551  | (14.0) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.039              | DME10S39K-F            | 0.276  | (7.0)  | 0.571  | (14.5) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.047              | DME10S47K-F            | 0.295  | (7.5)  | 0.610  | (15.5) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.056              | DME10S56K-F            | 0.295  | (7.5)  | 0.669  | (17.0) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.068              | DME10S68K-F            | 0.335  | (8.5)  | 0.709  | (18.0) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.082              | DME10S82K-F            | 0.354  | (9.0)  | 0.728  | (18.5) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.100              | DME10P1K-F             | 0.394  | (10.0) | 0.787  | (20.0) | 0.827  | (21.0) | 0.689                    | (17.5) | 0.032  | (0.8) | 104                 |
| 0.120              | DME10P12K-F            | 0.354  | (9.0)  | 0.728  | (18.5) | 1.024  | (26.0) | 0.886                    | (22.5) | 0.032  | (0.8) | 70                  |
| 0.150              | DME10P15K-F            | 0.394  | (10.0) | 0.787  | (20.0) | 1.024  | (26.0) | 0.886                    | (22.5) | 0.032  | (0.8) | 70                  |
| 0.180              | DME10P18K-F            | 0.413  | (10.5) | 0.866  | (22.0) | 1.024  | (26.0) | 0.886                    | (22.5) | 0.032  | (0.8) | 70                  |
| 0.220              | DME10P22K-F            | 0.472  | (12.0) | 0.906  | (23.0) | 1.024  | (26.0) | 0.886                    | (22.5) | 0.032  | (0.8) | 70                  |

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