

Type DME Polyester Film Capacitors

Metallized Radial Leads

[查询"DME4S56K-F"供应商](#)



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 and make **Type DME** the choice for all but higher current AC applications where the larger size may be an advantage. **Type DME** self heals shorts caused by overvoltage transients. For small size and low cost, **Type DME** is tops.

Specifications

Voltage Range: 100-1000 Vdc (65-250 Vac, 60 Hz)

Capacitance Range: .01-10 μ F

Capacitance Tolerance: $\pm 10\%$ (K) standard
 $\pm 5\%$ (J) optional

Operating Temperature Range: -55 °C to 125 °C*

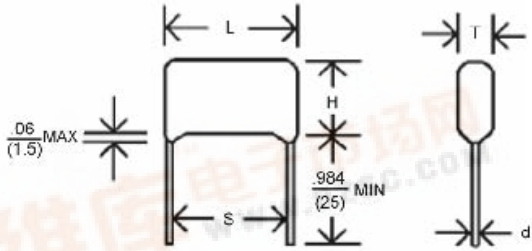
*Full-rated voltage at 85 °C—Derate linearly to 50%-rated voltage at 125 °C

Dielectric Strength: 150% (1 minute)

Dissipation Factor: 1% Max. (25 °C, 1kHz)

Insulation Resistance: 3,000 M Ω x μ F
9,000 M Ω Min.

Life Test: 1000 Hours at 85°C at 125% Rated Voltage



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

Ratings

RoHS Compliant

Cap. (μ F)	Catalog Part Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S $\pm .04$ (± 1.0) Inches (mm)	d Inches (mm)	dV/dt V/ μ s
100 Vdc (65 Vac)							
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

查询"DME4S56K-F"供应商

RoHS
Compliant

Cap.	Catalog	T Max.		H Max.		L Max.		S ±.04 (±1.0)		d		dV/dt
		Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	V/μs	
250 Vdc (160 Vac)												
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
400 Vdc (200 Vac)												
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

查询"DME4S56K-F"供应商

RoHS
Compliant

Cap. Catalog	T Max.	H Max.	L Max.	S ±.04 (±1.0)	d	dV/dt
(µF) Size Number	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)	V/µs
400 Vdc (200 Vac) (con't)						
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
630 Vdc (250 Vac)						
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

[查询"DME4S56K-F"供应商](#)

Cap. (pF)	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
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
1000 Vdc (250 Vac)							
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

**RoHS
Compliant**