

# CDE Polyester Film Capacitors, Radial Dipped



RoHS Compliant This product is RoHS compliant.

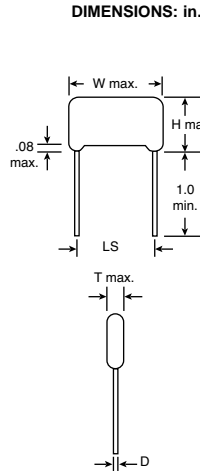
Type DME radial-leaded, mini-dipped capacitors deliver the performance of other capacitors which have cases that are twice as big. Improvements in film technology permit the use of thinner dielectric and make DME the choice for all but higher current AC applications where the larger size may be an advantage. DME self heals shorts caused by overvoltage transients. For small size and low cost, DME is tops.

**Specifications:**

- Voltage range: 100-1000VDC (65-250VAC)
- Capacitance range: .01-10µF
- Capacitance tolerance: ± 10%
- Operating temperature range: -55°C to 125°C full-rated voltage @ 85°C - Derate linearly to 50% - rated voltage @ 125°C
- Dielectric strength: 150%
- Dissipation Factor: 1% max.
- Insulation resistance: 3,000MQ x µF; 9,000MQ min.
- Life test: 1,000 hours at 85°C @ 125% rated voltage

**Features:**

- Significant size reduction and performance characteristics comparable to other film capacitors that are in larger case sizes
- DME self heals shorts caused by overvoltage transients
- Small size/low cost



RoHS Compliant

**100 VDC (65 VAC)**

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: in.					Price Each		
			W	H	T	D	LS	1	10	100
5989-100V.56-F	DME1P56K-F	.56	.472	.429	.217	.024	.394			
5989-100V.68-F	DME1P68K-F	.68	.472	.469	.236	.024	.394			
5989-100V.82-F	DME1P82K-F	.82	.472	.531	.236	.024	.394			
5989-100V1.0-F	DME1W1K-F	1.0	.472	.551	.264	.024	.394			
5989-100V1.2-F	DME1W1P2K-F	1.2	.728	.504	.217	.024	.591			
5989-100V1.5-F	DME1W1P5K-F	1.5	.728	.528	.236	.032	.591			
5989-100V1.8-F	DME1W1P8K-F	1.8	.728	.567	.278	.032	.591			
5989-100V2.2-F	DME1W2P2K-F	2.2	.728	.591	.276	.032	.591			
5989-100V2.7-F	DME1W2P7K-F	2.7	.728	.622	.315	.032	.591			
5989-100V3.3-F	DME1W3P3K-F	3.3	.728	.65	.335	.032	.591			
5989-100V3.9-F	DME1W3P9K-F	3.9	1.024	.646	.276	.032	.886			
5989-100V4.7-F	DME1W4P7K-F	4.7	1.024	.669	.295	.032	.886			
5989-100V5.6-F	DME1W5P6K-F	5.6	1.024	.689	.327	.032	.886			
5989-100V6.8-F	DME1W6P8K-F	6.8	1.024	.728	.354	.032	.886			
5989-100V10.0-F	DME1W10K-F	10.0	1.024	.827	.453	.032	.886			

**250 VDC (160 VAC)**

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: in.					Price Each		
			W	H	T	D	LS	1	10	100
5989-250V.01-F	DME2S1K-F	.01	.406	.291	.169	.024	.295			
5989-250V.012-F	DME2S12K-F	.012	.406	.295	.173	.024	.295			
5989-250V.015-F	DME2S15K-F	.015	.406	.295	.173	.024	.295			
5989-250V.022-F	DME2S22K-F	.022	.406	.295	.173	.024	.295			
5989-250V.027-F	DME2S27K-F	.027	.406	.295	.177	.024	.295			
5989-250V.033-F	DME2S33K-F	.033	.406	.295	.177	.024	.295			
5989-250V.039-F	DME2S39K-F	.039	.406	.295	.177	.024	.295			
5989-250V.047-F	DME2S47K-F	.047	.406	.295	.177	.024	.295			
5989-250V.056-F	DME2S56K-F	.056	.406	.311	.189	.024	.295			
5989-250V.068-F	DME2S68K-F	.068	.406	.295	.177	.024	.295			
5989-250V.082-F	DME2S82K-F	.082	.406	.315	.193	.024	.295			
5989-250V.1-F	DME2P1K-F	.1	.406	.331	.228	.024	.295			
5989-250V.12-F	DME2P12K-F	.12	.406	.354	.236	.024	.295			
5989-250V.15-F	DME2P15K-F	.15	.406	.425	.236	.024	.295			
5989-250V.22-F	DME2P22K-F	.22	.472	.413	.217	.024	.394			
5989-250V.33-F	DME2P33K-F	.33	.472	.472	.278	.024	.394			
5989-250V.39-F	DME2P39K-F	.39	.728	.472	.193	.024	.591			
5989-250V.47-F	DME2P47K-F	.47	.728	.492	.209	.024	.591			
5989-250V.56-F	DME2P56K-F	.56	.728	.512	.217	.024	.591			
5989-250V.68-F	DME2P68K-F	.68	.728	.531	.236	.032	.591			
5989-250V.82-F	DME2P82K-F	.82	.728	.571	.278	.032	.591			
5989-250V1.0-F	DME2W1K-F	1.0	.728	.591	.291	.032	.591			
5989-250V1.2-F	DME2W1P2K-F	1.2	.728	.626	.315	.032	.591			
5989-250V1.5-F	DME2W1P5K-F	1.5	.728	.661	.354	.032	.591			
5989-250V1.8-F	DME2W1P8K-F	1.8	1.024	.611	.295	.032	.886			
5989-250V2.2-F	DME2W2P2K-F	2.2	1.024	.642	.335	.032	.886			
5989-250V2.7-F	DME2W2P7K-F	2.7	1.024	.669	.37	.032	.886			
5989-250V3.3-F	DME2W3P3K-F	3.3	1.024	.709	.406	.032	.886			
5989-250V3.9-F	DME2W3P9K-F	3.9	1.024	.807	.433	.032	.886			
5989-250V4.7-F	DME2W4P7K-F	4.7	1.024	.846	.472	.032	.886			
5989-250V5.6-F	DME2W5P6K-F	5.6	1.22	.827	.465	.032	1.083			
5989-250V6.8-F	DME2W6P8K-F	6.8	1.22	.882	.512	.032	1.083			
5989-250V8.2-F	DME2W8P2K-F	8.2	1.22	.925	.563	.032	1.083			
5989-250V10.0-F	DME2W10K-F	10.0	1.22	1.016	.626	.032	1.083			

**400 VDC (200 VAC)**

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: in.					Price Each		
			W	H	T	D	LS	1	10	100
5989-400V.01-F	DME4S1K-F	.01	.406	.291	.169	.024	.295			
5989-400V.015-F	DME4S15K-F	.015	.406	.295	.173	.024	.295			
5989-400V.018-F	DME4S18K-F	.018	.406	.295	.173	.024	.295			
5989-400V.022-F	DME4S22K-F	.022	.406	.311	.189	.024	.295			
5989-400V.033-F	DME4S33K-F	.033	.406	.354	.236	.024	.295			
5989-400V.039-F	DME4S39K-F	.039	.472	.315	.193	.024	.394			
5989-400V.047-F	DME4S47K-F	.047	.472	.327	.197	.024	.394			
5989-400V.056-F	DME4S56K-F	.056	.472	.394	.197	.024	.394			
5989-400V.068-F	DME4S68K-F	.068	.472	.413	.213	.024	.394			
5989-400V.1-F	DME4P1K-F	.1	.472	.472	.248	.024	.394			
5989-400V.12-F	DME4P12K-F	.12	.728	.394	.197	.024	.591			
5989-400V.22-F	DME4P22K-F	.22	.728	.512	.232	.024	.591			
5989-400V.33-F	DME4P33K-F	.33	.728	.587	.276	.032	.591			
5989-400V.47-F	DME4P47K-F	.47	.728	.669	.307	.032	.591			
5989-400V.56-F	DME4P56K-F	.56	1.024	.63	.278	.032	.886			
5989-400V.68-F	DME4P68K-F	.68	1.024	.65	.276	.032	.886			
5989-400V1.0-F	DME4W1K-F	1.0	1.024	.709	.335	.032	.886			
5989-400V1.2-F	DME4W1P2K-F	1.2	1.024	.744	.374	.032	.886			
5989-400V1.5-F	DME4W1P5K-F	1.5	1.22	.748	.374	.032	1.083			
5989-400V2.2-F	DME4W2P2K-F	2.2	1.22	.866	.433	.032	1.083			

**630 VDC (250 VAC)**

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: in.					Price Each		
			W	H	T	D	LS	1	10	100
5989-630V.01-F	DME6S1K-F	.01	.472	.295	.177	.024	.394			
5989-630V.015-F	DME6S15K-F	.015	.472	.323	.197	.024	.394			
5989-630V.022-F	DME6S22K-F	.022	.472	.413	.209	.024	.394			
5989-630V.033-F	DME6S33K-F	.033	.472	.469	.236	.024	.394			
5989-630V.039-F	DME6S39K-F	.039	.472	.528	.236	.024	.394			
5989-630V.047-F	DME6S47K-F	.047	.472	.531	.278	.024	.394			
5989-630V.056-F	DME6S56K-F	.056	.728	.413	.213	.024	.591			
5989-630V.068-F	DME6S68K-F	.068	.728	.433	.228	.024	.591			
5989-630V.082-F	DME6S82K-F	.082	.728	.472	.278	.024	.591			
5989-630V0.1-F	DME6P1K-F	.1	.728	.551	.248	.024	.591			
5989-630V.12-F	DME6P12K-F	.12	.728	.571	.248	.032	.591			
5989-630V.15-F	DME6P15K-F	.15	.728	.606	.295	.032	.591			
5989-630V.22-F	DME6P22K-F	.22	.728	.65	.354	.032	.591			
5989-630V.27-F	DME6P27K-F	.27	1.024	.65	.276	.032	.886			
5989-630V.33-F	DME6P33K-F	.33	1.024	.669	.307	.032	.886			
5989-630V.47-F	DME6P47K-F	.47	1.024	.728	.366	.032	.886			
5989-630V.56-F	DME6P56K-F	.56	1.024	.787	.394	.032	.886			
5989-630V.68-F	DME6P68K-F	.68	1.024	.827	.453	.032	.886			
5989-630V.82-F	DME6P82K-F	.82	1.22	.807	.445	.032	1.083			
5989-630V1.0-F	DME6W1K-F	1.0	1.22	.862	.492	.032	1.083			
5989-630V1.5-F	DME6W1P5K-F	1.5	1.22	.972	.602	.032	1.083			
5989-630V1.8-F	DME6W1P8K-F	1.8	1.22	1.063	.661	.032	1.083			
5989-630V2.2-F	DME6W2P2K-F	2.2	1.22	1.142	.768	.032	1.083			

**1000 VDC (250 VAC)**

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: in.					Price Each		
			W	H	T	D	LS	1	10	100
5989-1KV.01-F	DME10S1K-F	.01	.610	.433	.236	.024	.492			
5989-1KV.015-F	DME10S15K-F	.015	.610	.492	.276	.024	.492			
5989-1KV.018-F	DME10S18K-F	.018	.610	.512	.295	.032	.492			
5989-1KV.022-F	DME10S22K-F	.022	.610	.610	.295	.032	.492			
5989-1KV.027-F	DME10S27K-F	.027	.827	.512	.236	.032	.689			
5989-1KV.033-F	DME10S33K-F	.033	.827	.551	.278	.032	.689			
5989-1KV.039-F	DME10S39K-F	.039	.827	.571	.276	.032	.689			
5989-1KV.047-F	DME10S47K-F	.047	.827	.610	.295	.032	.689			
5989-1KV.056-F	DME10S56K-F	.056	.827	.669	.295	.032	.689			
5989-1KV.068-F	DME10S68K-F	.068	.827	.709	.335	.032	.689			
5989-1KV.082-F	DME10S82K-F	.082	.827	.728	.354	.032	.689			
5989-1KV0.1-F	DME10P1K-F	.1	.827	.787	.394	.032	.689			
5989-1KV0.12-F	DME10P12K-F	.12								