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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Type DMM Polyester Film Capacitors

Metallized



DC Applications Self Healing

Type DMM radial-leaded, metallized polyester capacitors have non-inductive windings and multi-layered epoxy resin enhancing performance characteristics and humidity resistance. Self healing characteristics prevent permanent shorting due to high-voltage transients. When long life and performance stability are critical **Type DMM** is the ideal solution.

Specifications

Voltage Range: 100-630 Vdc

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)

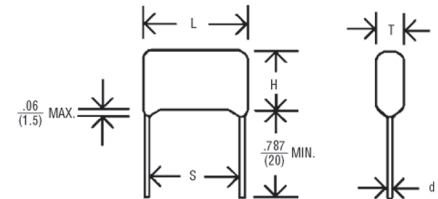
Dissipation Factor: 1% Max. (25 °C, 1 kHz)

Insulation Resistance: 5,000 M Ω x μ F
10,000 M Ω Min.

Life Test: 1,000 Hours at 85 °C at
125% Rated Voltage

Pulse Capability					
Rated Volts	Body Length				
	0.55	0.71	0.94	1.024-1.220	1.38
dV/dt—volts per microsecond, maximum					
100	20	12	8	6	
250	28	17	12	8	7
400	46	28	15	14	12
630	72	43	28	21	17

NOTE: Other capacitor sizes and performance are available. Contact us for details.



Ratings

RoHS Compliant

Cap. (μ F)	Catalog Part Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S \pm .06 (\pm 1.5) Inches (mm)	d Inches (mm)
100 Vdc						
0.15	DMM1P15K-F	0.236 (6.0)	0.394 (10.0)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.22	DMM1P22K-F	0.236 (6.0)	0.414 (10.5)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.33	DMM1P33K-F	0.236 (6.0)	0.414 (10.5)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
0.47	DMM1P47K-F	0.236 (6.0)	0.473 (12.0)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
0.68	DMM1P68K-F	0.276 (7.0)	0.551 (14.0)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
1.00	DMM1W1K-F	0.354 (9.0)	0.591 (15.0)	0.709 (18.0)	0.591 (15.0)	0.032 (0.8)
1.50	DMM1W1P5K-F	0.354 (9.0)	0.670 (17.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
2.20	DMM1W2P2K-F	0.433 (11.0)	0.788 (20.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
3.30	DMM1W3P3K-F	0.453 (11.5)	0.788 (20.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
4.70	DMM1W4P7K-F	0.512 (13.0)	0.906 (23.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
6.80	DMM1W6P8K-F	0.630 (16.0)	1.024 (26.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
10.00	DMM1W10K-F	0.709 (18.0)	1.221 (31.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
250 Vdc						
0.068	DMM2S68K-F	0.236 (6.0)	0.394 (10.0)	0.551 (14.0)	0.390 (10.0)	0.024 (0.6)
0.10	DMM2P1K-F	0.276 (7.0)	0.394 (10.0)	0.551 (14.0)	0.390 (10.0)	0.024 (0.6)
0.15	DMM2P15K-F	0.276 (7.0)	0.433 (11.0)	0.709 (18.0)	0.590 (15.0)	0.024 (0.6)
0.22	DMM2P22K-F	0.276 (7.0)	0.473 (12.0)	0.709 (18.0)	0.590 (15.0)	0.024 (0.6)
0.33	DMM2P33K-F	0.276 (7.0)	0.512 (13.0)	0.709 (18.0)	0.590 (15.0)	0.024 (0.6)
0.47	DMM2P47K-F	0.315 (8.0)	0.591 (15.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
0.68	DMM2P68K-F	0.354 (9.0)	0.610 (15.5)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)

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RoHS Compliant

Cap. (μ F)	Catalog Part Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S \pm .06 (\pm 1.5) Inches (mm)	d Inches (mm)
250 Vdc						
1.00	DMM2W1K-F	0.394 (10.0)	0.670 (17.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
1.50	DMM2W1P5K-F	0.394 (10.0)	0.768 (19.5)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
2.20	DMM2W2P2K-F	0.512 (13.0)	0.866 (22.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
3.30	DMM2W3P3K-F	0.630 (16.0)	1.024 (26.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
4.70	DMM2W4P7K-F	0.630 (16.0)	1.024 (26.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
400 Vdc						
0.033	DMM4S33K-F	0.236 (6.0)	0.414 (10.5)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.047	DMM4S47K-F	0.315 (8.0)	0.433 (11.0)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.068	DMM4S68K-F	0.236 (6.0)	0.512 (13.0)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
0.10	DMM4P1K-F	0.256 (6.5)	0.512 (13.0)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
0.15	DMM4P15K-F	0.276 (7.0)	0.551 (14.0)	0.709 (18.0)	0.591 (15.0)	0.032 (0.8)
0.22	DMM4P22K-F	0.354 (9.0)	0.630 (16.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
0.33	DMM4P33K-F	0.354 (9.0)	0.630 (16.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
0.47	DMM4P47K-F	0.394 (10.0)	0.709 (18.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
0.68	DMM4P68K-F	0.414 (10.5)	0.709 (18.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
1.00	DMM4W1K-F	0.473 (12.0)	0.866 (22.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
630 Vdc						
0.01	DMM6S1K-F	0.236 (6.0)	0.394 (10.0)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.015	DMM6S15K-F	0.256 (6.5)	0.453 (11.5)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.022	DMM6S22K-F	0.276 (7.0)	0.492 (12.5)	0.551 (14.0)	0.394 (10.0)	0.024 (0.6)
0.033	DMM6S33K-F	0.315 (8.0)	0.532 (13.5)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
0.047	DMM6S47K-F	0.295 (7.5)	0.492 (12.5)	0.709 (18.0)	0.591 (15.0)	0.024 (0.6)
0.068	DMM6S68K-F	0.335 (8.5)	0.571 (14.5)	0.709 (18.0)	0.591 (15.0)	0.032 (0.8)
0.10	DMM6P1K-F	0.374 (9.5)	0.630 (16.0)	0.709 (18.0)	0.591 (15.0)	0.032 (0.8)
0.15	DMM6P15K-F	0.394 (10.0)	0.670 (17.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
0.22	DMM6P22K-F	0.433 (11.0)	0.788 (20.0)	1.024 (26.0)	0.886 (22.5)	0.032 (0.8)
0.33	DMM6P33K-F	0.512 (13.0)	0.866 (22.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
0.47	DMM6P47K-F	0.512 (13.0)	0.866 (22.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
0.68	DMM6P68K-F	0.591 (15.0)	1.024 (26.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)
1.00	DMM6W1K-F	0.689 (17.5)	1.182 (30.0)	1.221 (31.0)	1.083 (27.5)	0.032 (0.8)

Type DMM Polyester Film Capacitors

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