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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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Type DPM Polypropylene Film Capacitors

Metallized, Radial Leads

**Great for High Frequency
Switching Power Supplies**



Type DPM radial-leaded, metallized polypropylene capacitors boast non-inductive windings with welded lead terminations which handle high continuous currents. The low ESR and low ESL are a glove fit for high frequency and switching power supply applications.

RoHS Compliant

Specifications

Voltage Range: 250 to 630 Vdc (160 to 250 Vac, 60 Hz)

Capacitance Range: .01 to 6.8 μF

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

Operating Temperature Range: -55°C to 105°C^*

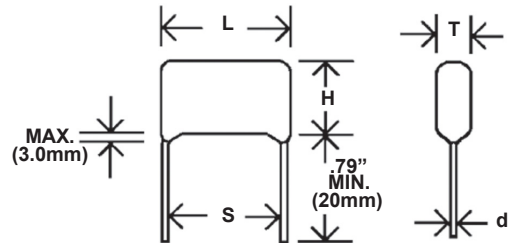
*Full-rated voltage at 85°C —Derate linearly to 50%-rated voltage at 105°C

Dielectric Strength: 175% (1 minute)

Dissipation Factor: .10% Max. (25°C , 1 kHz)

Insulation Resistance: 10,000 $\text{M}\Omega \times \mu\text{F}$
30,000 $\text{M}\Omega$ Min.

Life Test: 1,000 hours at 85°C at 125% rated voltage



NOTE: Other capacitance values, sizes and performance specifications are available. Contact us.

Ratings

Cap. (μF)	Catalog Part Number	T Max. Inches(mm)	H Max. Inches(mm)	L Max. Inches(mm)	S $\pm .06$ (± 1.5) Inches(mm)	d Inches(mm)	dV/dt V/ μs
250 Vdc (160 Vac)							
.010	DPM2S1K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.015	DPM2S15K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.022	DPM2S22K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.033	DPM2S33K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.047	DPM2S47K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.068	DPM2S68K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.10	DPM2P1K-F	0.315(8.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	34
.15	DPM2P15K-F	0.315(8.0)	0.512(13.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	23
.22	DPM2P22K-F	0.315(8.0)	0.512(13.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	23
.33	DPM2P33K-F	0.354(9.0)	0.591(15.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	23
.47	DPM2P47K-F	0.394(10.0)	0.630(16.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	19
.68	DPM2P68K-F	0.394(10.0)	0.630(16.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	19

Type DPM Polypropylene Film Capacitors

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)	dV/dt V/ μ s
250 Vdc (160 Vac)							
1.00	DPM2W1K-F	0.473(12.0)	0.788(20.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	19
1.50	DPM2W1P5K-F	0.551(14.0)	0.866(22.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	14
2.20	DPM2W2P2K-F	0.591(15.0)	0.945(24.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	14
3.30	DPM2W3P3K-F	0.670(17.0)	1.063(27.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	8
4.70	DPM2W4P7K-F	0.788(20.0)	1.182(30.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	8
6.80	DPM2W6P8K-F	0.906(23.0)	1.300(33.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	8
400 Vdc (220 Vac)							
.010	DPM4S1K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	51
.015	DPM4S15K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	51
.022	DPM4S22K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	51
.033	DPM4S33K-F	0.315(8.0)	0.473(12.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	51
.047	DPM4S47K-F	0.315(8.0)	0.473(12.0)	0.709(18.0)	0.591(15.0)	0.024(0.6)	35
.068	DPM4S68K-F	0.315(8.0)	0.512(13.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	35
.10	DPM4P1K-F	0.354(9.0)	0.551(14.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	35
.15	DPM4P15K-F	0.315(8.0)	0.591(15.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	26
.22	DPM4P22K-F	0.394(10.0)	0.630(16.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	26
.33	DPM4P33K-F	0.433(11.0)	0.709(18.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	26
.47	DPM4P47K-F	0.433(11.0)	0.709(18.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	17
.68	DPM4P68K-F	0.551(14.0)	0.866(22.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	17
1.00	DPM4W1K-F	0.630(16.0)	0.985(25.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	17
1.50	DPM4W1P5K-F	0.670(17.0)	0.985(25.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	11
2.20	DPM4W2P2K-F	0.788(20.0)	1.103(28.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	11
3.30	DPM4W3P3K-F	0.945(24.0)	1.300(33.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	11
630 Vdc (250 Vac)							
.010	DPM6S1K-F	0.276(7.0)	0.433(11.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	69
.015	DPM6S15K-F	0.276(7.0)	0.473(12.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	69
.022	DPM6S22K-F	0.315(8.0)	0.512(13.0)	0.512(13.0)	0.394(10.0)	0.024(0.6)	69
.033	DPM6S33K-F	0.315(8.0)	0.512(13.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	48
.047	DPM6S47K-F	0.354(9.0)	0.591(15.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	48
.068	DPM6S68K-F	0.394(10.0)	0.630(16.0)	0.709(18.0)	0.591(15.0)	0.032(0.8)	48
.10	DPM6P1K-F	0.394(10.0)	0.610(15.5)	1.024(26.0)	0.886(22.5)	0.032(0.8)	36
.15	DPM6P15K-F	0.473(12.0)	0.709(18.0)	1.024(26.0)	0.886(22.5)	0.032(0.8)	36
.22	DPM6P22K-F	0.473(12.0)	0.866(22.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	33
.33	DPM6P33K-F	0.512(13.0)	0.866(22.0)	1.260(32.0)	1.083(27.5)	0.032(0.8)	33
.47	DPM6P47K-F	0.591(15.0)	0.965(24.5)	1.260(32.0)	1.083(27.5)	0.032(0.8)	33
.68	DPM6P68K-F	0.610(15.5)	1.083(27.5)	1.260(32.0)	1.083(27.5)	0.032(0.8)	33
1.00	DPM6W1K-F	0.748(19.0)	1.182(30.0)	1.851(47.0)	1.575(40.0)	0.032(0.8)	22

Type DPM Polypropylene Film Capacitors

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