

Type DPP, Polypropylene Film Capacitors

Film/Foil
Radial Leads

High Frequency
Precise Values



Type DPP radial-leaded, polypropylene film/foil capacitors are non-inductively wound. Very low dissipation factor and high insulation resistance contribute to excellent performance and long-term stability characteristics. Low ESR, DF and its inherent stability make **Type DPP** an ideal choice for tight tolerance, pulse and high-frequency applications.

Specifications

Voltage Range: 100-630 Vdc (70-250 Vac)

Capacitance Range: .001-.47 μ F

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

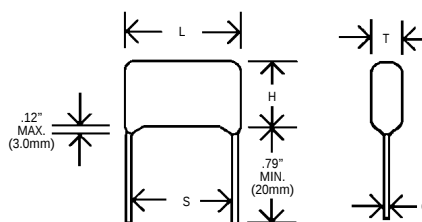
Dielectric Strength: 200% (1 minute)

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

Insulation Resistance: 50,000 M Ω x μ F
100,000 M Ω Min.

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

Pulse Capability			
Rated Volts	Body Length		
	.630	.790-.940	≥ 1.020
	dV/dt—volts per microsecond, maximum		
100	4200	4000	1900
250	6900	4100	2400
400	19000	10000	3200
630	60000	20000	6700



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

Ratings and Dimensions

Cap. μ F	Catalog Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S $\pm .06$ (± 1.5) Inches (mm)	d $\pm .05$ Inches (mm)
100 Vdc (70 Vac)						
.033	DPP1S33K	.315 (8.0)	.532 (13.5)	.768 (19.5)	.591 (15.0)	.024 (.6)
.047	DPP1S47K	.335 (8.5)	.610 (15.5)	.768 (19.5)	.591 (15.0)	.024 (.6)
.068	DPP1S68K	.374 (9.5)	.650 (16.5)	.788 (20.0)	.591 (15.0)	.024 (.6)
.100	DPP1P1K	.394 (10.0)	.670 (17.0)	1.024 (26.0)	.788 (20.0)	.024 (.6)
.150	DPP1P15K	.433 (11.0)	.748 (19.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.220	DPP1P22K	.512 (13.0)	.748 (19.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.330	DPP1P33K	.551 (14.0)	.827 (21.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.470	DPP1P47K	.630 (16.0)	.945 (24.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
250 Vdc (140 Vac)						
.010	DPP2S1K	.276 (7.0)	.473 (12.0)	.591 (15.0)	.394 (10.0)	.024 (.6)
.015	DPP2S15K	.295 (7.5)	.473 (12.0)	.591 (15.0)	.394 (10.0)	.024 (.6)
.022	DPP2S22K	.315 (8.0)	.512 (13.0)	.591 (15.0)	.394 (10.0)	.024 (.6)
.033	DPP2S33K	.335 (8.5)	.551 (14.0)	.788 (20.0)	.591 (15.0)	.024 (.6)
.047	DPP2S47K	.354 (9.0)	.630 (16.0)	.788 (20.0)	.591 (15.0)	.024 (.6)
.068	DPP2S68K	.433 (11.0)	.630 (16.0)	.788 (20.0)	.591 (15.0)	.024 (.6)
.100	DPP2P1K	.394 (10.0)	.709 (18.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.150	DPP2P15K	.473 (12.0)	.866 (22.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.220	DPP2P22K	.551 (14.0)	.945 (24.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.330	DPP2P33K	.591 (15.0)	.985 (25.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.470	DPP2P47K	.630 (16.0)	1.063 (27.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)

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Type DPP, Polypropylene Film Capacitors

Ratings and Dimensions

Cap. μF	Catalog Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S $\pm .06$ (± 1.5) Inches (mm)	d $\pm .05$ Inches (mm)
400 Vdc (250 Vac)						
.0100	DPP4S1K	.335 (8.5)	.551 (14.0)	.591 (15.0)	.394 (10.0)	.024 (.6)
.0150	DPP4S15K	.354 (9.0)	.591 (15.0)	.591 (15.0)	.394 (10.0)	.024 (.6)
.0220	DPP4S22K	.394 (10.0)	.670 (17.0)	.768 (19.5)	.591 (15.0)	.024 (.6)
.0330	DPP4S33K	.394 (10.0)	.670 (17.0)	.768 (19.5)	.591 (15.0)	.024 (.6)
.0470	DPP4S47K	.354 (9.0)	.630 (16.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.0680	DPP4S68K	.433 (11.0)	.709 (18.0)	1.024 (26.0)	.788 (20.0)	.032 (.8)
.1000	DPP4P1K	.473 (12.0)	.788 (20.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.1500	DPP4P15K	.473 (12.0)	.906 (23.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
630 Vdc (250 Vac)						
.0010	DPP6D1K	.256 (6.5)	.492 (12.5)	.591 (15.0)	.394 (10.0)	.024 (.6)
.0015	DPP6D15K	.276 (7.0)	.492 (12.5)	.591 (15.0)	.394 (10.0)	.024 (.6)
.0022	DPP6D22K	.276 (7.0)	.492 (12.5)	.591 (15.0)	.394 (10.0)	.024 (.6)
.0033	DPP6D33K	.295 (7.5)	.473 (12.0)	.768 (19.5)	.591 (15.0)	.024 (.6)
.0047	DPP6D47K	.315 (8.0)	.492 (12.5)	.768 (19.5)	.591 (15.0)	.024 (.6)
.0068	DPP6D68K	.354 (9.0)	.551 (14.0)	.768 (19.5)	.591 (15.0)	.024 (.6)
.0100	DPP6S1K	.354 (9.0)	.551 (14.0)	1.024 (26.0)	.788 (20.0)	.024 (.6)
.0150	DPP6S15K	.394 (10.0)	.630 (16.0)	1.024 (26.0)	.788 (20.0)	.024 (.6)
.0220	DPP6S22K	.433 (11.0)	.670 (17.0)	1.024 (26.0)	.788 (20.0)	.024 (.6)
.0330	DPP6S33K	.433 (11.0)	.670 (17.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.0470	DPP6S47K	.492 (12.5)	.748 (19.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.0680	DPP6S68K	.551 (14.0)	.866 (22.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.1000	DPP6P1K	.512 (13.0)	.866 (22.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)

Film
Capacitors



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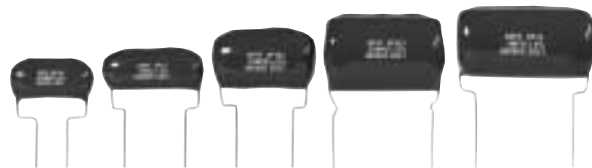
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Type DPFF, Polypropylene Film Capacitors

Film/Foil Radial Leads

High AC Current Pulse and Resonant Applications

Type DPFF radial-leaded, polypropylene film/foil capacitors feature single-section extended foil construction for 200 Vdc through 600 Vdc and series wound extended foil with a floating common metallized film for 800 Vdc through 1600 Vdc. Excellent temperature stability to 105°C and low loss characteristics make **Type DPFF** ideal for high AC current and pulse applications.



Film
Capacitors

Specifications

Voltage Range: 200-1600 Vdc (155-500 Vac)

Capacitance Range: .0018-.47 μ F

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

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

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

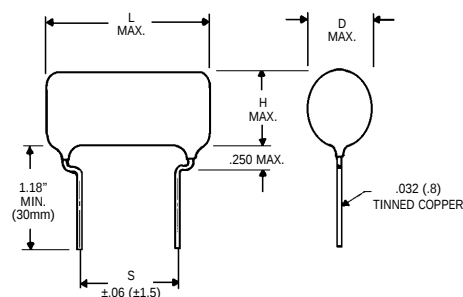
Dielectric Strength: 250% (800 Vdc and less)
200% (1200 and 1600 Vdc)

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

Insulation Resistance: 200,000 M Ω Min.

Life Test: 500 Hours at 85°C at 125% Rated Voltage

Rated Volts	Pulse Capability			
	Body Length			
	.700-.750	.900-.950	1.250-1.300	1.650-1.700
	dV/dt—volts per microsecond, maximum			
200	4600	2400	1400	720
400	6000	3200	1800	840
600	8000	6600	2800	1200
800			6000	3200
1200			6800	3200
1600			11600	6000



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

Ratings and Dimensions

Normally Stocked

Cap. μ F	Catalog Number	D Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)
200/250 Vdc (155 Vac)					
.0120	DPFF2S12J	.26 (6.6)	.32 (8.1)	.70 (17.8)	.374 (9.5)
.0150	DPFF2S15J	.37 (9.4)	.37 (9.4)	.75 (19.1)	.374 (9.5)
.0150	DPFF2S15JS	.28 (7.1)	.34 (8.6)	.70 (17.8)	.374 (9.5)
.0180	DPFF2S18J	.29 (7.4)	.35 (8.9)	.70 (17.8)	.374 (9.5)
.0220	DPFF2S22J	.42 (10.7)	.42 (10.7)	.75 (19.1)	.374 (9.5)
.0220	DPFF2S22JS	.31 (7.9)	.37 (9.4)	.70 (17.8)	.374 (9.5)
.0270	DPFF2S27J	.33 (8.4)	.39 (9.9)	.70 (17.8)	.374 (9.5)
.0330	DPFF2S33J	.42 (10.7)	.42 (10.7)	.75 (19.1)	.374 (9.5)
.0330	DPFF2S33JS	.36 (9.1)	.42 (10.7)	.70 (17.8)	.374 (9.5)
.0390	DPFF2S39J	.32 (8.1)	.38 (9.7)	.90 (22.9)	.374 (9.5)
.0470	DPFF2S47J	.40 (10.2)	.40 (10.2)	.95 (24.1)	.374 (9.5)
.0470	DPFF2S47JS	.34 (8.6)	.40 (10.2)	.90 (22.9)	.374 (9.5)
.0560	DPFF2S56J	.37 (9.4)	.43 (10.9)	.90 (22.9)	.374 (9.5)
.0680	DPFF2S68J	.45 (11.4)	.45 (11.4)	.95 (24.1)	.374 (9.5)
.0680	DPFF2S68JS	.39 (9.9)	.45 (11.4)	.90 (22.9)	.374 (9.5)
.0820	DPFF2S82J	.36 (9.1)	.42 (10.7)	1.25 (31.8)	.374 (9.5)
.1000	DPFF2P1J	.45 (11.4)	.45 (11.4)	1.25 (31.8)	.720 (18.3)
.1000	DPFF2P1JS	.38 (9.7)	.44 (11.2)	1.25 (31.8)	.720 (18.3)
.1200	DPFF2P12J	.41 (10.4)	.47 (11.9)	1.25 (31.8)	.720 (18.3)
.1500	DPFF2P15J	.55 (14.0)	.55 (14.0)	1.30 (33.0)	.720 (18.3)
.1500	DPFF2P15JS	.44 (11.2)	.50 (12.7)	1.25 (31.8)	.720 (18.3)
.1800	DPFF2P18J	.47 (11.9)	.53 (13.5)	1.25 (31.8)	.720 (18.3)
.2200	DPFF2P22J	.62 (15.7)	.62 (15.7)	1.30 (33.0)	.720 (18.3)

Cap. μ F	Catalog Number	D Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)
200/250 Vdc (155 Vac) (cont'd)					
.2200	DPFF2P22JS	.51 (13.0)	.57 (14.5)	1.25 (31.8)	.720 (18.3)
.2700	DPFF2P27J	.49 (12.4)	.55 (14.0)	1.65 (41.9)	1.095 (27.8)
.3300	DPFF2P33J	.65 (16.5)	.65 (16.5)	1.65 (41.9)	1.095 (27.8)
.3300	DPFF2P33JS	.53 (13.5)	.59 (15.0)	1.65 (41.9)	1.095 (27.8)
.3900	DPFF2P39J	.56 (14.2)	.62 (15.7)	1.65 (41.9)	1.095 (27.8)
.4700	DPFF2P47J	.75 (19.1)	.75 (19.1)	1.70 (43.2)	1.095 (27.8)
.4700	DPFF2P47JS	.60 (15.2)	.66 (16.8)	1.65 (41.9)	1.095 (27.8)
400 Vdc (200 Vac)					
.0039	DPFF4D39J	.34 (8.6)	.38 (9.7)	.70 (17.8)	.374 (9.5)
.0047	DPFF4D47J	.34 (8.6)	.38 (9.7)	.70 (17.8)	.374 (9.5)
.0056	DPFF4D56J	.36 (9.1)	.40 (10.2)	.70 (17.8)	.374 (9.5)
.0068	DPFF4D68J	.29 (7.4)	.35 (8.9)	.70 (17.8)	.374 (9.5)
.0082	DPFF4D82J	.30 (7.6)	.36 (9.1)	.70 (17.8)	.374 (9.5)
.0100	DPFF4S1J	.30 (7.6)	.36 (9.1)	.70 (17.8)	.374 (9.5)
.0120	DPFF4S12J	.32 (8.1)	.38 (9.7)	.70 (17.8)	.374 (9.5)
.0150	DPFF4S15J	.45 (11.4)	.45 (11.4)	.75 (19.1)	.374 (9.5)
.0150	DPFF4S15JS	.34 (8.6)	.40 (10.2)	.70 (17.8)	.374 (9.5)
.0180	DPFF4S18J	.31 (7.9)	.37 (9.4)	.90 (22.9)	.374 (9.5)
.0220	DPFF4S22J	.33 (8.4)	.39 (9.9)	.90 (22.9)	.374 (9.5)
.0270	DPFF4S27J	.36 (9.1)	.42 (10.7)	.90 (22.9)	.374 (9.5)
.0330	DPFF4S33J	.50 (12.7)	.50 (12.7)	.95 (24.1)	.374 (9.5)
.0330	DPFF4S33JS	.38 (9.7)	.44 (11.2)	.90 (22.9)	.374 (9.5)
.0390	DPFF4S39J	.35 (8.9)	.41 (10.4)	1.25 (31.8)	.720 (18.3)

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Type DPFF, Polypropylene Film Capacitors

Ratings and Dimensions

Normally Stocked

Cap. μF	Catalog Number	D Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)
400 Vdc (200 Vac) (cont'd)					
.0470	DPFF4S47J	.37 (9.4)	.43 (10.9)	1.25 (31.8)	.720 (18.3)
.0560	DPFF4S56J	.39 (9.9)	.45 (11.4)	1.25 (31.8)	.720 (18.3)
.0680	DPFF4S68J	.42 (10.7)	.48 (12.2)	1.25 (31.8)	.720 (18.3)
.0820	DPFF4S82J	.45 (11.4)	.51 (13.0)	1.25 (31.8)	.720 (18.3)
.1000	DPFF4P1J	.48 (12.2)	.54 (13.7)	1.25 (31.8)	.720 (18.3)
.1200	DPFF4P12J	.52 (13.2)	.58 (14.7)	1.25 (31.8)	.720 (18.3)
.1500	DPFF4P15J	.65 (16.5)	.65 (16.5)	1.30 (33.0)	.720 (18.3)
.1500	DPFF4P15JS	.56 (14.2)	.62 (15.7)	1.25 (31.8)	.720 (18.3)
.1800	DPFF4P18J	.54 (13.7)	.60 (15.2)	1.65 (41.9)	1.095 (27.8)
.2200	DPFF4P22J	.70 (17.8)	.70 (17.8)	1.70 (43.2)	1.095 (27.8)
.2200	DPFF4P22JS	.58 (14.7)	.64 (16.3)	1.65 (41.9)	1.095 (27.8)
.2700	DPFF4P27J	.63 (16.0)	.69 (17.5)	1.65 (41.9)	1.095 (27.8)
.3300	DPFF4P33J	.80 (20.3)	.80 (20.3)	1.70 (43.2)	1.095 (27.8)
.3300	DPFF4P33JS	.70 (17.8)	.76 (19.3)	1.65 (41.9)	1.095 (27.8)
.3900	DPFF4P39J	.75 (19.1)	.81 (20.6)	1.65 (41.9)	1.095 (27.8)
.4700	DPFF4P47J	.90 (22.9)	.90 (22.9)	1.70 (43.2)	1.095 (27.8)
.4700	DPFF4P47JS	.82 (20.8)	.88 (22.4)	1.65 (41.9)	1.095 (27.8)
600/630 Vdc (200 Vac)					
.0010	DPFF6D1J	.35 (8.9)	.39 (9.9)	.70 (17.8)	.374 (9.5)
.0012	DPFF6D12J	.36 (9.1)	.40 (10.2)	.70 (17.8)	.374 (9.5)
.0015	DPFF6D15J	.40 (10.2)	.40 (10.2)	.75 (19.1)	.374 (9.5)
.0015	DPFF6D15JS	.32 (8.1)	.36 (9.1)	.70 (17.8)	.374 (9.5)
.0018	DPFF6D18J	.34 (8.6)	.38 (9.7)	.70 (17.8)	.374 (9.5)
.0022	DPFF6D22J	.33 (8.4)	.37 (9.4)	.70 (17.8)	.374 (9.5)
.0027	DPFF6D27J	.35 (8.9)	.39 (9.9)	.70 (17.8)	.374 (9.5)
.0033	DPFF6D33J	.40 (10.2)	.40 (10.2)	.75 (19.1)	.374 (9.5)
.0033	DPFF6D33JS	.32 (8.1)	.36 (9.1)	.70 (17.8)	.374 (9.5)
.0039	DPFF6D39J	.34 (8.6)	.38 (9.7)	.70 (17.8)	.374 (9.5)
.0047	DPFF6D47J	.45 (11.4)	.45 (11.4)	.75 (19.1)	.374 (9.5)
.0047	DPFF6D47JS	.34 (8.6)	.38 (9.7)	.70 (17.8)	.374 (9.5)
.0056	DPFF6D56J	.36 (9.1)	.40 (10.2)	.70 (17.8)	.374 (9.5)
.0068	DPFF6D68J	.45 (11.4)	.45 (11.4)	.75 (19.1)	.374 (9.5)
.0068	DPFF6D68JS	.38 (9.7)	.42 (10.7)	.70 (17.8)	.374 (9.5)
.0082	DPFF6D82J	.34 (8.6)	.38 (9.7)	.90 (22.9)	.374 (9.5)
.0100	DPFF6S1J	.45 (11.4)	.45 (11.4)	.95 (24.1)	.374 (9.5)
.0100	DPFF6S1JS	.36 (9.1)	.40 (10.2)	.90 (22.9)	.374 (9.5)
.0120	DPFF6S12J	.38 (9.7)	.42 (10.7)	.90 (22.9)	.374 (9.5)
.0150	DPFF6S15J	.50 (12.7)	.50 (12.7)	.95 (24.1)	.374 (9.5)
.0150	DPFF6S15JS	.42 (10.7)	.46 (11.7)	.90 (22.9)	.374 (9.5)
.0180	DPFF6S18J	.44 (11.2)	.48 (12.2)	.90 (22.9)	.374 (9.5)
.0220	DPFF6S22J	.55 (14.0)	.55 (14.0)	.95 (24.1)	.374 (9.5)
.0220	DPFF6S22JS	.48 (12.2)	.52 (13.2)	.90 (22.9)	.374 (9.5)
.0270	DPFF6S27J	.55 (14.0)	.55 (14.0)	1.30 (33.0)	.720 (18.3)
.0270	DPFF6S27JS	.43 (10.9)	.47 (11.9)	1.25 (31.8)	.720 (18.3)
.0330	DPFF6S33J	.46 (11.7)	.50 (12.7)	1.25 (31.8)	.720 (18.3)
.0390	DPFF6S39J	.49 (12.4)	.53 (13.5)	1.25 (31.8)	.720 (18.3)
.0470	DPFF6S47J	.52 (13.2)	.56 (14.2)	1.25 (31.8)	.720 (18.3)
.0560	DPFF6S56J	.56 (14.2)	.60 (15.2)	1.25 (31.8)	.720 (18.3)
.0680	DPFF6S68J	.65 (16.5)	.65 (16.5)	1.30 (33.0)	.720 (18.3)
.0680	DPFF6S68JS	.60 (15.2)	.64 (16.3)	1.25 (31.8)	.720 (18.3)
.0820	DPFF6S82J	.65 (16.5)	.69 (17.5)	1.25 (31.8)	.720 (18.3)
.1000	DPFF6P1J	.75 (19.0)	.75 (19.1)	1.30 (33.0)	.720 (18.3)
.1000	DPFF6P1JS	.71 (18.0)	.75 (19.1)	1.25 (31.8)	.720 (18.3)
.1200	DPFF6P12J	.65 (16.5)	.69 (17.5)	1.65 (41.9)	1.095 (27.8)
.1500	DPFF6P15J	.75 (19.0)	.75 (19.1)	1.70 (43.2)	1.095 (27.8)
.1500	DPFF6P15JS	.71 (18.0)	.75 (19.1)	1.65 (41.9)	1.095 (27.8)
.1800	DPFF6P18J	.77 (19.6)	.81 (20.6)	1.65 (41.9)	1.095 (27.8)
.2200	DPFF6P22J	.85 (21.6)	.85 (21.6)	1.70 (43.2)	1.095 (27.8)
.2200	DPFF6P22JS	.83 (21.1)	.85 (21.6)	1.65 (41.9)	1.095 (27.8)
800 Vdc (450 Vac)					
.0056	DPFF8D56J	.50 (12.7)	.50 (12.7)	1.30 (33.0)	.720 (18.3)
.0056	DPFF8D56JS	.28 (7.1)	.34 (8.6)	1.25 (31.8)	.720 (18.3)
.0068	DPFF8D68J	.29 (7.4)	.35 (8.9)	1.25 (31.8)	.720 (18.3)
.0082	DPFF8D82J	.31 (7.9)	.37 (9.4)	1.25 (31.8)	.720 (18.3)
.0100	DPFF8S1J	.50 (12.7)	.50 (12.7)	1.30 (33.0)	.720 (18.3)

Cap. μF	Catalog Number	D Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)
800 Vdc (450 Vac) (cont'd)					
.0100	DPFF8S1JS	.33 (8.4)	.39 (9.9)	1.25 (31.8)	.720 (18.3)
.0120	DPFF8S12J	.55 (14.0)	.55 (14.0)	1.30 (33.0)	.720 (18.3)
.0120	DPFF8S12JS	.35 (8.9)	.41 (10.4)	1.25 (31.8)	.720 (18.3)
.0150	DPFF8S15J	.55 (14.0)	.55 (14.0)	1.30 (33.0)	.720 (18.3)
.0150	DPFF8S15JS	.38 (9.7)	.44 (11.2)	1.25 (31.8)	.720 (18.3)
.0180	DPFF8S18J	.41 (10.4)	.47 (11.9)	1.25 (31.8)	.720 (18.3)
.0220	DPFF8S22J	.60 (15.2)	.60 (15.2)	1.30 (33.0)	.720 (18.3)
.0220	DPFF8S22JS	.44 (11.2)	.50 (12.7)	1.25 (31.8)	.720 (18.3)
.0270	DPFF8S27J	.47 (11.9)	.53 (13.5)	1.25 (31.8)	.720 (18.3)
.0330	DPFF8S33J	.51 (13.0)	.70 (17.8)	1.30 (33.0)	.720 (18.3)
.0330	DPFF8S33JS	.51 (13.0)	.57 (14.5)	1.25 (31.8)	.720 (18.3)
.0390	DPFF8S39J	.47 (11.9)	.53 (13.5)	1.65 (41.9)	1.095 (27.8)
.0470	DPFF8S47J	.50 (12.7)	.56 (14.2)	1.65 (41.9)	1.095 (27.8)
.0560	DPFF8S56J	.53 (13.5)	.59 (15.0)	1.65 (41.9)	1.095 (27.8)
.0680	DPFF8S68J	.80 (20.3)	.80 (20.3)	1.70 (43.2)	1.095 (27.8)
.0680	DPFF8S68JS	.58 (14.7)	.64 (16.3)	1.65 (41.9)	1.095 (27.8)
.0820	DPFF8S82J	.62 (15.7)	.68 (17.3)	1.65 (41.9)	1.095 (27.8)
.1000	DPFF8P1J	.90 (22.9)	.90 (22.9)	1.70 (43.2)	1.095 (27.8)
.1000	DPFF8P1JS	.67 (17.0)	.73 (18.5)	1.65 (41.9)	1.095 (27.8)
1200 Vdc (475 Vac)					
.0027	DPFF12D27J	.38 (9.7)	.42 (10.7)	1.25 (31.8)	.720 (18.3)
.0033	DPFF12D33J	.32 (8.1)	.38 (9.7)	1.25 (31.8)	.720 (18.3)
.0039	DPFF12D39J	.34 (8.6)	.40 (10.2)	1.25 (31.8)	.720 (18.3)
.0047	DPFF12D47J	.36 (9.1)	.42 (10.7)	1.25 (31.8)	.720 (18.3)
.0056	DPFF12D56J	.38 (9.7)	.44 (11.2)	1.25 (31.8)	.720 (18.3)
.0068	DPFF12D68J	.41 (10.4)	.47 (11.9)	1.25 (31.8)	.720 (18.3)
.0082	DPFF12D82J	.44 (11.2)	.50 (12.7)	1.25 (31.8)	.720 (18.3)
.0100	DPFF12S1J	.47 (11.9)	.53 (13.5)	1.25 (31.8)	.720 (18.3)
.0120	DPFF12S12J	.51 (13.0)	.57 (14.5)	1.25 (31.8)	.720 (18.3)
.0150	DPFF12S15J	.65 (16.5)	.65 (16.5)	1.30 (33.0)	.720 (18.3)
.0150	DPFF12S15JS	.55 (14.0)	.61 (15.5)	1.25 (31.8)	.720 (18.3)
.0180	DPFF12S18J	.50 (12.7)	.56 (14.2)	1.65 (41.9)	1.095 (27.8)
.0220	DPFF12S22J	.54 (13.7)	.60 (15.2)	1.65 (41.9)	1.095 (27.8)
.0270	DPFF12S27J	.59 (15.0)	.65 (16.5)	1.65 (41.9)	1.095 (27.8)
.0330	DPFF12S33J	.64 (16.3)	.70 (17.8)	1.65 (41.9)	1.095 (27.8)
.0390	DPFF12S39J	.85 (21.6)	.85 (21.6)	1.70 (43.2)	1.095 (27.8)
.0390	DPFF12S39JS	.68 (17.3)	.74 (18.8)	1.65 (41.9)	1.095 (27.8)
.0470	DPFF12S47J	.74 (18.8)	.80 (20.3)	1.65 (41.9)	1.095 (27.8)
1600 Vdc (500 Vac)					
.0010	DPFF16D1J	.29 (7.4)	.33 (8.4)	1.25 (31.8)	.720 (18.3)
.0012	DPFF16D12J	.30 (7.6)	.34 (8.6)	1.25 (31.8)	.720 (18.3)
.0015	DPFF16D15J	.32 (8.1)	.36 (9.1)	1.25 (31.8)	.720 (18.3)
.0018	DPFF16D18J	.34 (8.6)	.38 (9.7)	1.25 (31.8)	.720 (18.3)
.0022	DPFF16D22J	.50 (12.7)	.50 (12.7)	1.30 (33.0)	.720 (18.3)
.0022	DPFF16D22JS	.35 (8.9)	.39 (9.9)	1.25 (31.8)	.720 (18.3)
.0027	DPFF16D27J	.38 (9.7)	.42 (10.7)	1.25 (31.8)	.720 (18.3)
.0033	DPFF16D33J	.55 (14.0)	.55 (14.0)	1.30 (33.0)	.720 (18.3)
.0033	DPFF16D33JS	.40 (10.2)	.44 (11.2)	1.25 (31.8)	.720 (18.3)
.0039	DPFF16D39J	.43 (10.9)	.47 (11.9)	1.25 (31.8)	.720 (18.3)
.0047	DPFF16D47J	.60 (15.2)	.60 (15.2)	1.30 (33.0)	.720 (18.3)
.0047	DPFF16D47JS	.46 (11.7)	.50 (12.7)	1.25 (31.8)	.720 (18.3)
.0056	DPFF16D56J	.49 (12.4)	.53 (13.5)	1.25 (31.8)	.720 (18.3)
.0068	DPFF16D68J	.65 (16.5)	.65 (16.5)	1.30 (33.0)	.720 (18.3)
.0068	DPFF16D68JS	.52 (13.2)	.56 (14.2)	1.25 (31.8)	.720 (18.3)
.0082	DPFF16D82J	.56 (14.2)	.60 (15.2)	1.25 (31.8)	.720 (18.3)
.0100	DPFF16S1J	.70 (17.8)	.70 (17.8)	1.30 (33.0)	.720 (18.3)
.0100	DPFF16S1JS	.61 (15.5)	.65 (16.5)	1.25 (31.8)	.720 (18.3)
.0120	DPFF16S12J	.54 (13.7)	.58 (14.7)	1.65 (41.9)	1.095 (27.8)
.0150	DPFF16S15J	.75 (19.1)	.75 (19.1)	1.70 (43.2)	1.095 (27.8)
.0150	DPFF16S15JS	.59 (15.0)	.63 (16.0)	1.65 (41.9)	1.095 (27.8)
.0180	DPFF16S18J	.63 (16.0)	.67 (17.0)	1.65 (41.9)	1.095 (27.8)
.0220	DPFF16S22J	.69 (17.5)	.73 (18.5)	1.65 (41.9)	1.095 (27.8)
.0270	DPFF16S27J	.74 (18.8)	.78 (19.8)	1.65 (41.9)	1.095 (27.8)
.0330	DPFF16S33J	.95 (24.1)	.95 (24.1)	1.70 (43.2)	1.095 (27.8)
.0330	DPFF16S33JS	.81 (20.6)	.85 (21.6)	1.65 (41.9)	1.095 (27.8)

Film
Capacitors

CDE

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3.045

Type DPPM, Polypropylene Film Capacitors

Metalized Radial Leads

Compact Snubber Applications

Film
Capacitors



Type DPPM radial-leaded, metallized polypropylene capacitors utilize series wound extended foil with floating metallized common foil construction. **Type DPPM** offers excellent high frequency and high current capabilities and self-healing characteristics. With low inductance and high dV/dt characteristics, **Type DPPM** is ideal for snubber applications.

Specifications

Voltage Range: 1000-2000 Vdc (450-500 Vac)

Capacitance Range: .001-.047 μ F

Capacitance Tolerance: $\pm 10\%$ (K) standard
 $\pm 5\%$ (J), $\pm 20\%$ (M)
optional

Operating Temperature Range: -40°C to 105°C*

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

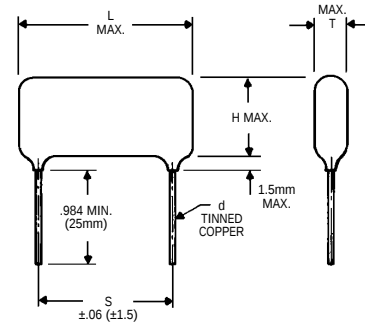
Rated Volts	Pulse Capability	
	Body Length	
	.984	1.220
	dV/dt—volts per microsecond, maximum	
1000	1900	1300
1200	2100	1500
1600	3700	2800
2000	3900	2900

Dielectric Strength: 175% (1 minute)

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

Insulation Resistance: 400,000 M Ω Min.

Life Test: 500 Hours at 85°C at 125% Rated Voltage



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

Ratings and Dimensions

Normally Stocked

Cap. μ F	Catalog Number	T Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)	d Inches (mm)
1000 Vdc (450 Vac)						
.0010	DPPM10D1K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0012	DPPM10D12K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0015	DPPM10D15K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0018	DPPM10D18K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0022	DPPM10D22K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0027	DPPM10D27K	.275 (7.0)	.472 (12.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0033	DPPM10D33K	.275 (7.0)	.492 (12.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0039	DPPM10D39K	.275 (7.0)	.511 (13.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0047	DPPM10D47K	.295 (7.5)	.531 (13.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0056	DPPM10D56K	.314 (8.0)	.551 (14.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0068	DPPM10D68K	.334 (8.5)	.570 (14.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0082	DPPM10D82K	.334 (8.5)	.629 (16.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0100	DPPM10S1K	.374 (9.5)	.649 (16.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0120	DPPM10S12K	.393 (10.0)	.688 (17.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0150	DPPM10S15K	.374 (9.5)	.669 (17.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0180	DPPM10S18K	.393 (10.0)	.688 (17.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0220	DPPM10S22K	.433 (11.0)	.728 (18.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0270	DPPM10S27K	.472 (12.0)	.767 (19.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0330	DPPM10S33K	.511 (13.0)	.807 (20.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0390	DPPM10S39K	.551 (14.0)	.846 (21.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0470	DPPM10S47K	.590 (15.0)	.885 (22.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)

Cap. μ F	Catalog Number	T Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)	d Inches (mm)
1200 Vdc (475 Vac)						
.0010	DPPM12D1K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0012	DPPM12D12K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0015	DPPM12D15K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0018	DPPM12D18K	.275 (7.0)	.472 (12.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0022	DPPM12D22K	.275 (7.0)	.492 (12.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0027	DPPM12D27K	.275 (7.0)	.492 (12.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0033	DPPM12D33K	.295 (7.5)	.511 (13.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0039	DPPM12D39K	.295 (7.5)	.531 (13.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0047	DPPM12D47K	.314 (8.0)	.551 (14.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0056	DPPM12D56K	.334 (8.5)	.570 (14.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0068	DPPM12D68K	.314 (8.0)	.590 (15.0)	1.220 (31.0)	.826 (21.0)	.032 (.8)
.0082	DPPM12D82K	.334 (8.5)	.610 (15.5)	1.220 (31.0)	.826 (21.0)	.032 (.8)
.0100	DPPM12S1K	.354 (9.0)	.629 (16.0)	1.220 (31.0)	.826 (21.0)	.032 (.8)
.0120	DPPM12S12K	.374 (9.5)	.669 (17.0)	1.220 (31.0)	.826 (21.0)	.032 (.8)
.0150	DPPM12S15K	.413 (10.5)	.708 (18.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0180	DPPM12S18K	.433 (11.0)	.748 (19.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0220	DPPM12S22K	.472 (12.0)	.787 (20.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0270	DPPM12S27K	.511 (13.0)	.826 (21.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0330	DPPM12S33K	.551 (14.0)	.866 (22.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)

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Type DPPM, Polypropylene Film Capacitors

Ratings and Dimensions

Normally Stocked

Cap. μ F	Catalog Number	T Inches (mm)	H Inches (mm)	L Inches (mm)	S Inches (mm)	d Inches (mm)
1600 Vdc (500 Vac)						
.0010	DPPM16D1K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0012	DPPM16D12K	.256 (6.5)	.452 (11.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0015	DPPM16D15K	.275 (7.0)	.492 (12.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0018	DPPM16D18K	.295 (7.5)	.531 (13.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0022	DPPM16D22K	.314 (8.0)	.590 (15.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0027	DPPM16D27K	.334 (8.5)	.610 (15.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0033	DPPM16D33K	.374 (9.5)	.649 (16.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0039	DPPM16D39K	.393 (10.0)	.688 (17.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0047	DPPM16D47K	.413 (10.5)	.748 (19.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0056	DPPM16D56K	.393 (10.0)	.708 (18.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0068	DPPM16D68K	.413 (10.5)	.748 (19.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0082	DPPM16D82K	.433 (11.0)	.787 (20.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0100	DPPM16S1K	.472 (12.0)	.866 (22.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0120	DPPM16S12K	.531 (13.5)	.905 (23.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0150	DPPM16S15K	.590 (15.0)	.964 (24.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0180	DPPM16S18K	.649 (16.5)	1.023 (26.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0220	DPPM16S22K	.708 (18.0)	1.082 (27.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
2000 Vdc (500 Vac)						
.0010	DPPM20D1K	.275 (7.0)	.492 (12.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0012	DPPM20D12K	.295 (7.5)	.511 (13.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0015	DPPM20D15K	.314 (8.0)	.551 (14.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0018	DPPM20D18K	.334 (8.5)	.610 (15.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0022	DPPM20D22K	.354 (9.0)	.629 (16.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0027	DPPM20D27K	.374 (9.5)	.649 (16.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0033	DPPM20D33K	.413 (10.5)	.688 (17.5)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0039	DPPM20D39K	.433 (11.0)	.748 (19.0)	.984 (25.0)	.826 (21.0)	.032 (.8)
.0047	DPPM20D47K	.393 (10.0)	.748 (19.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0056	DPPM20D56K	.433 (11.0)	.767 (19.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0068	DPPM20D68K	.472 (12.0)	.807 (20.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0082	DPPM20D82K	.511 (13.0)	.846 (21.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0100	DPPM20S1K	.551 (14.0)	.866 (22.0)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0120	DPPM20S12K	.570 (14.5)	.925 (23.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)
.0150	DPPM20S15K	.629 (16.0)	.964 (24.5)	1.220 (31.0)	1.043 (26.5)	.032 (.8)

Film
Capacitors



**CORNELL
DUBILIER**

Your Source For Capacitor Solutions

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<http://www.cornell-dubilier.com>
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Type DPM, Polypropylene Film Capacitors

Metallized Radial Leads

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.

Specifications

Voltage Range: 250-630 Vdc (160-250 Vac)

Capacitance Range: .01-6.8 μ F

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

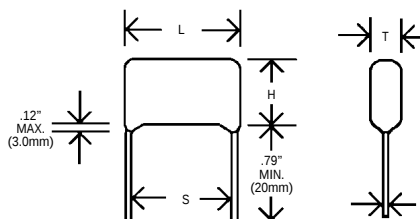
Dielectric Strength: 175% (1 minute)

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

Insulation Resistance: 10,000 M Ω x μ F
30,000 M Ω Min.

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

Pulse Capability					
Rated Volts	Body Length				
	.510	.710	1.020	1.260-1.420	1.850
	dV/dt—volts per microsecond, maximum				
250	34	23	19	14	8
400	51	35	26	17	11
630	69	48	36	33	22



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

Ratings and Dimensions

Normally Stocked

Cap. μ F	Catalog Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S $\pm .06$ (± 1.5) Inches (mm)	d Inches (mm)
250 Vdc (160 Vac)						
.010	DPM2S1K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.015	DPM2S15K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.022	DPM2S22K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.033	DPM2S33K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.047	DPM2S47K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.068	DPM2S68K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.100	DPM2P1K	.315 (8.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.150	DPM2P15K	.315 (8.0)	.512 (13.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.220	DPM2P22K	.315 (8.0)	.512 (13.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.330	DPM2P33K	.354 (9.0)	.591 (15.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.470	DPM2P47K	.394 (10.0)	.630 (16.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
.680	DPM2P68K	.394 (10.0)	.630 (16.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
1.000	DPM2W1K	.473 (12.0)	.788 (20.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
1.500	DPM2W1P5K	.551 (14.0)	.866 (22.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
2.200	DPM2W2P2K	.591 (15.0)	.945 (24.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)

Type DPM, Polypropylene Film Capacitors

Ratings and Dimensions — Normally Stocked

Cap. μF	Catalog Number	T Max. Inches (mm)	H Max. Inches (mm)	L Max. Inches (mm)	S +.06 Inches (mm)	d Inches (mm)
250 Vdc (160 Vac) (cont'd)						
3.300	DPM2W3P3K	.670 (17.0)	1.063 (27.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)
4.700	DPM2W4P7K	.788 (20.0)	1.182 (30.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)
6.800	DPM2W6P8K	.906 (23.0)	1.300 (33.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)
400 Vdc (220 Vac)						
.010	DPM4S1K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.015	DPM4S15K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.022	DPM4S22K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.033	DPM4S33K	.315 (8.0)	.473 (12.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.047	DPM4S47K	.315 (8.0)	.473 (12.0)	.709 (18.0)	.591 (15.0)	.024 (.6)
.068	DPM4S68K	.315 (8.0)	.512 (13.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.100	DPM4P1K	.354 (9.0)	.551 (14.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.150	DPM4P15K	.315 (8.0)	.591 (15.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
.220	DPM4P22K	.394 (10.0)	.630 (16.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
.330	DPM4P33K	.433 (11.0)	.709 (18.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
.470	DPM4P47K	.433 (11.0)	.709 (18.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.680	DPM4P68K	.551 (14.0)	.866 (22.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
1.000	DPM4W1K	.630 (16.0)	.985 (25.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
1.500	DPM4W1P5K	.670 (17.0)	.985 (25.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)
2.200	DPM4W2P2K	.788 (20.0)	1.103 (28.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)
3.300	DPM4W3P3K	.945 (24.0)	1.300 (33.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)
630 Vdc (250 Vac)						
.010	DPM6S1K	.276 (7.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.015	DPM6S15K	.276 (7.0)	.473 (12.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.022	DPM6S22K	.315 (8.0)	.512 (13.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.033	DPM6S33K	.315 (8.0)	.512 (13.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.047	DPM6S47K	.354 (9.0)	.591 (15.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.068	DPM6S68K	.394 (10.0)	.630 (16.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.100	DPM6P1K	.394 (10.0)	.610 (15.5)	1.024 (26.0)	.886 (22.5)	.032 (.8)
.150	DPM6P15K	.473 (12.0)	.709 (18.0)	1.024 (26.0)	.886 (22.5)	.032 (.8)
.220	DPM6P22K	.473 (12.0)	.866 (22.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.330	DPM6P33K	.512 (13.0)	.866 (22.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.470	DPM6P47K	.591 (15.0)	.965 (24.5)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.680	DPM6P68K	.610 (15.5)	1.083 (27.5)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
1.000	DPM6W1K	.748 (19.0)	1.182 (30.0)	1.851 (47.0)	1.575 (40.0)	.032 (.8)

Film
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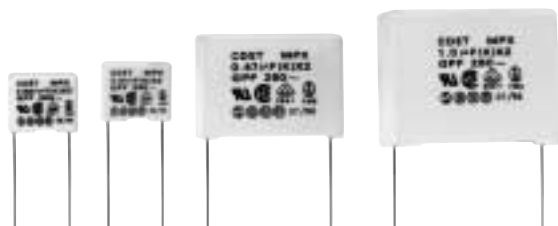
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Type MPX, Polypropylene Film Capacitors

Metallized Box Style, Vac Rated

Interference Suppression and Across-the-Line VAC Applications



The **Type MPX** metallized, polypropylene class X2 film capacitors are ideal for across-the-line and interference suppression circuit applications. This series features the self-healing capabilities associated with metallized polypropylene, compact design, and flame retardant construction. Tape and reel packaging are available for ratings with a pitch of 10mm and 15mm.

Specifications

Voltage Range: 250 Vac

Capacitance Range: .0047-1.0 μ F

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

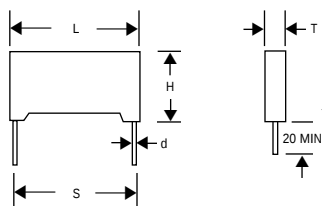
Operating Temperature Range: -40°C to 85°C

Dielectric Strength: 2100 Vdc (1 minute)

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

Insulation Resistance: 10,000 mOhms x μ F min.,
not to exceed 30,000 mOhms min.

Pulse Capability				
Rated Volts	Body Length			
	.512	.709	1.043	1.260
	dV/dt—volts per microsecond, maximum			
250	100	45	25	20



Agency Approvals:

UL	E171988
CSA	LR701482
VDE	94594
SEV	96.5 50875.01
SEMKO	9622001 01
DEMKO	305640
NEMKO	P96101909
FIMKO	195765

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

Ratings and Dimensions

Normally Stocked

Cap. μ F	Catalog Number	T $\pm .020$ (0.5) Inches (mm)	H $\pm .020$ (0.5) Inches (mm)	L $\pm .020$ (0.5) Inches (mm)	S $\pm .040$ (1.0) Inches (mm)	d Inches (mm)
250 Vac						
.0047	MPXQD47K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.0068	MPXQD68K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.0100	MPXQS1K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.0150	MPXQS15K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.0220	MPXQS22K	.197 (5.0)	.433 (11.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.0330	MPXQS33K	.236 (6.0)	.472 (12.0)	.512 (13.0)	.394 (10.0)	.024 (.6)
.0470	MPXQS47K	.197 (5.0)	.433 (11.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.0680	MPXQS68K	.236 (6.0)	.472 (12.0)	.709 (18.0)	.591 (15.0)	.032 (.8)
.1000	MPXQP1K	.236 (6.0)	.531 (13.5)	.709 (18.0)	.591 (15.0)	.032 (.8)
.1500	MPXQP15K	.335 (8.5)	.571 (14.5)	.709 (18.0)	.591 (15.0)	.032 (.8)
.2200	MPXQP22K	.276 (7.0)	.650 (16.5)	1.043 (26.5)	.886 (22.5)	.032 (.8)
.3300	MPXQP33K	.335 (8.5)	.669 (17.0)	1.043 (26.5)	.886 (22.5)	.032 (.8)
.4700	MPXQP47K	.394 (10.0)	.748 (19.0)	1.043 (26.5)	.886 (22.5)	.032 (.8)
.5600	MPXQP56K	.433 (11.0)	.787 (20.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
.6800	MPXQP68K	.433 (11.0)	.787 (20.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)
1.0000	MPXQW1K	.551 (14.0)	.984 (25.0)	1.260 (32.0)	1.083 (27.5)	.032 (.8)

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