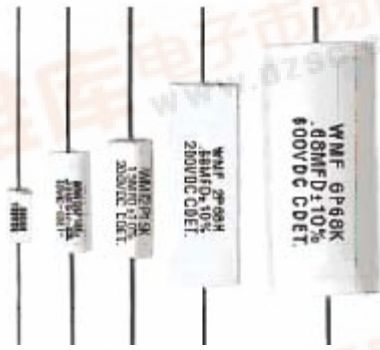


Type WMF Polyester Film Capacitors

查询WMF05P15K-F供应商

捷多邦, 专业PCB打样工厂, 24小时加急出货

Film/Foil Axial Leads



Commercial, Industrial Applications

Type WMF axial-leaded, polyester film/foil capacitors, available in a wide range of capacitance and voltage ratings, offer excellent moisture resistance capability with extended foil, non-inductive wound sections, epoxy sealed ends and a sealed outer wrapper. Like the Type DMT, Type WMF is an ideal choice for most applications, especially those with high peak currents.

Specifications

Voltage Range: 50—630 Vdc (35-250 Vac, 60 Hz)

Capacitance Range: .001—5 μ F

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

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

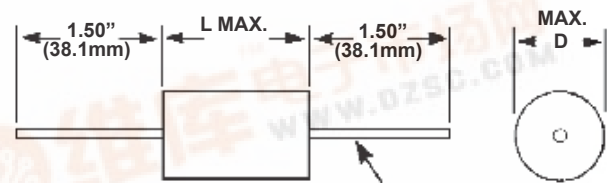
*Full-rated voltage at 85°C —Derate linearly to 50%-rated voltage at 125°C

Dielectric Strength: 250% (1 minute)

Dissipation Factor: .75% Max. (25°C , 1 kHz)

Insulation Resistance: 30,000 $\text{M}\Omega \times \mu\text{F}$
100,000 $\text{M}\Omega$ Min.

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



d TINNED COPPER-CLAD STEEL LEADS

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

Ratings and Dimensions

RoHS Compliant

Cap. (μF)	Catalog Part Number	D (inches) (mm)	L (inches) (mm)	d (inches) (mm)	dV/dt V/ μs
50 Vdc (35 Vac)					
0.0820	WMF05S82K-F	0.280 (7.1)	0.812 (20.6)	0.020 (0.5)	1500
0.1000	WMF05P1K-F	0.280 (7.1)	0.812 (20.6)	0.020 (0.5)	1500
0.1500	WMF05P15K-F	0.315 (8.0)	0.812 (20.6)	0.024 (0.6)	1500
0.2200	WMF05P22K-F	0.360 (9.1)	0.812 (20.6)	0.024 (0.6)	1500
0.2700	WMF05P27K-F	0.422 (10.7)	0.812 (20.6)	0.024 (0.6)	1500
0.3300	WMF05P33K-F	0.430 (10.9)	0.812 (20.6)	0.024 (0.6)	1500
0.3900	WMF05P39K-F	0.405 (10.3)	1.062 (27.0)	0.024 (0.6)	920
0.4700	WMF05P47K-F	0.407 (10.3)	1.062 (27.0)	0.024 (0.6)	920
0.5000	WMF05P5K-F	0.427 (10.8)	1.062 (27.0)	0.024 (0.6)	920
0.5600	WMF05P56K-F	0.482 (12.2)	1.062 (27.0)	0.024 (0.6)	920
0.6800	WMF05P68K-F	0.522 (13.3)	1.062 (27.0)	0.024 (0.6)	920
0.8200	WMF05P82K-F	0.567 (14.4)	1.062 (27.0)	0.024 (0.6)	920
1.0000	WMF05W1K-F	0.562 (14.3)	1.375 (34.9)	0.024 (0.6)	660
1.2500	WMF05W1P25K-F	0.575 (14.6)	1.375 (34.9)	0.032 (0.8)	660
1.5000	WMF05W1P5K-F	0.645 (16.4)	1.375 (34.9)	0.032 (0.8)	660
2.0000	WMF05W2K-F	0.662 (16.8)	1.625 (41.3)	0.032 (0.8)	660
3.0000	WMF05W3K-F	0.792 (20.1)	1.625 (41.3)	0.040 (1.0)	660
4.0000	WMF05W4K-F	0.822 (20.9)	1.825 (46.3)	0.040 (1.0)	310
5.0000	WMF05W5K-F	0.912 (23.2)	1.825 (46.3)	0.040 (1.0)	310
100 Vdc (65 Vac)					
0.0010	WMF1D1K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0015	WMF1D15K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300

Cap. (μF)	Catalog Part Number	D (inches) (mm)	L (inches) (mm)	d (inches) (mm)	dV/dt V/ μs
0.0022	WMF1D22K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0027	WMF1D27K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0033	WMF1D33K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0039	WMF1D39K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0047	WMF1D47K-F	0.188 (5.0)	0.562 (14.3)	0.020 (0.5)	6300
0.0050	WMF1D5K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0056	WMF1D56K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	6300
0.0068	WMF1D68K-F	0.200 (5.1)	0.562 (14.3)	0.020 (0.5)	6300
0.0082	WMF1D82K-F	0.200 (5.1)	0.562 (14.3)	0.020 (0.5)	6300
0.0100	WMF1S1K-F	0.200 (5.1)	0.562 (14.3)	0.020 (0.5)	6300
0.0150	WMF1S15K-F	0.245 (6.2)	0.562 (14.3)	0.020 (0.5)	6300
0.0220	WMF1S22K-F	0.236 (6.0)	0.687 (17.4)	0.024 (0.6)	3200
0.0270	WMF1S27K-F	0.235 (6.0)	0.687 (17.4)	0.024 (0.6)	3200
0.0330	WMF1S33K-F	0.256 (6.5)	0.687 (17.4)	0.024 (0.6)	3200
0.0390	WMF1S39K-F	0.240 (6.1)	0.812 (20.6)	0.024 (0.6)	2100
0.0470	WMF1S47K-F	0.255 (6.5)	0.812 (20.6)	0.024 (0.6)	2100
0.0500	WMF1S5K-F	0.260 (6.6)	0.812 (20.6)	0.024 (0.6)	2100
0.0560	WMF1S56K-F	0.265 (6.7)	0.812 (20.6)	0.024 (0.6)	2100
0.0680	WMF1S68K-F	0.295 (7.5)	0.812 (20.6)	0.024 (0.6)	2100
0.0820	WMF1S82K-F	0.275 (7.0)	0.937 (23.8)	0.024 (0.6)	1600
0.1000	WMF1P1K-F	0.335 (8.5)	0.937 (23.8)	0.024 (0.6)	1600
0.1500	WMF1P15K-F	0.340 (8.6)	0.937 (23.8)	0.024 (0.6)	1600
0.2200	WMF1P22K-F	0.374 (9.5)	1.062 (27.0)	0.024 (0.6)	1600



RoHS Compliant

Type WMF Polyester Film Capacitors

Cap. (μ F)	Catalog Part Number	D (inches) (mm)	L (inches) (mm)	d (inches) (mm)	dV/dt V/ μ s
.2700	WMF1P27K-F	0.375 (9.5)	1.187 (30.1)	0.024 (0.6)	1600
.3300	WMF1P33K-F	0.413 (10.5)	1.187 (30.1)	0.024 (0.6)	1600
.3900	WMF1P39K-F	0.430 (10.9)	1.187 (30.1)	0.024 (0.6)	1600
.4700	WMF1P47K-F	0.492 (12.5)	1.250 (31.7)	0.024 (0.6)	840
.5000	WMF1P5K-F	0.460 (11.7)	1.250 (31.7)	0.024 (0.6)	840
.5600	WMF1P56K-F	0.485 (12.3)	1.250 (31.7)	0.032 (0.8)	840
.6800	WMF1P68K-F	0.570 (14.5)	1.250 (31.7)	0.032 (0.8)	840
.8200	WMF1P82K-F	0.540 (13.7)	1.412 (35.9)	0.032 (0.8)	840
1.0000	WMF1W1K-F	0.669 (17.0)	1.500 (38.1)	0.040 (1.0)	840
1.2500	WMF1W1P25K-F	0.645 (16.4)	1.500 (38.1)	0.040 (1.0)	840
1.5000	WMF1W1P5K-F	0.735 (18.7)	1.625 (41.3)	0.040 (1.0)	840
2.0000	WMF1W2K-F	0.835 (21.2)	1.625 (41.3)	0.040 (1.0)	840
200/250 Vdc (125 Vac)					
.0010	WMF2D1K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	7500
.0015	WMF2D15K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	7500
.0022	WMF2D22K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	7500
.0027	WMF2D27K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	7500
.0033	WMF2D33K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	7500
.0039	WMF2D39K-F	0.188 (4.8)	0.562 (14.3)	0.020 (0.5)	7500
.0047	WMF2D47K-F	0.202 (5.1)	0.562 (14.3)	0.020 (0.5)	7500
.0050	WMF2D5K-F	0.202 (5.1)	0.562 (14.3)	0.020 (0.5)	7500
.0056	WMF2D56K-F	0.202 (5.1)	0.562 (14.3)	0.020 (0.5)	7500
.0068	WMF2D68K-F	0.202 (5.1)	0.562 (14.3)	0.020 (0.5)	7500
.0082	WMF2D82K-F	0.215 (5.5)	0.562 (14.3)	0.020 (0.5)	7500
.0100	WMF2S1K-F	0.230 (5.8)	0.562 (14.3)	0.020 (0.5)	7500
.0150	WMF2S15K-F	0.265 (6.7)	0.562 (14.3)	0.024 (0.6)	7500
.0220	WMF2S22K-F	0.260 (6.6)	0.687 (17.4)	0.024 (0.6)	3700
.0270	WMF2S27K-F	0.260 (6.6)	0.687 (17.4)	0.024 (0.6)	3700
.0330	WMF2S33K-F	0.275 (7.0)	0.812 (20.6)	0.024 (0.6)	2500
.0390	WMF2S39K-F	0.295 (7.5)	0.812 (20.6)	0.024 (0.6)	2500
.0470	WMF2S47K-F	0.295 (7.5)	0.812 (20.6)	0.024 (0.6)	2500
.0560	WMF2S56K-F	0.295 (7.5)	0.812 (20.6)	0.024 (0.6)	2500
.0680	WMF2S68K-F	0.315 (8.0)	0.812 (20.6)	0.024 (0.6)	2500
.0820	WMF2S82K-F	0.300 (7.6)	0.937 (23.8)	0.024 (0.6)	1900
.1000	WMF2P1K-F	0.320 (8.1)	0.937 (23.8)	0.024 (0.6)	1900
.1500	WMF2P15K-F	0.375 (9.5)	0.937 (23.8)	0.024 (0.6)	1900
.2200	WMF2P22K-F	0.413 (10.5)	1.187 (30.1)	0.024 (0.6)	1900
.2700	WMF2P27K-F	0.500 (12.7)	1.187 (30.1)	0.024 (0.6)	1900
.3300	WMF2P33K-F	0.545 (13.8)	1.260 (32.0)	0.024 (0.6)	1500
.3900	WMF2P39K-F	0.565 (14.3)	1.312 (33.3)	0.032 (0.8)	1500
.4700	WMF2P47K-F	0.610 (15.5)	1.312 (33.3)	0.032 (0.8)	1500
.5600	WMF2P56K-F	0.660 (16.8)	1.312 (33.3)	0.040 (1.0)	1500
.6800	WMF2P68K-F	0.660 (16.8)	1.625 (41.3)	0.040 (1.0)	1500
.8200	WMF2P82K-F	0.715 (18.2)	1.625 (41.3)	0.040 (1.0)	1500
1.0000	WMF2W1K-F	0.740 (18.8)	1.750 (44.4)	0.040 (1.0)	1500
1.2500	WMF2W1P25K-F	0.815 (20.7)	1.750 (44.4)	0.040 (1.0)	1500
1.5000	WMF2W1P5K-F	0.809 (20.5)	1.812 (46.0)	0.040 (1.0)	650
2.0000	WMF2W2K-F	0.965 (24.5)	1.875 (47.6)	0.040 (1.0)	650
400 Vdc (200 Vac)					
.0010	WMF4D1K-F	0.188 (4.8)	0.687 (17.4)	0.020 (0.5)	14400
.0015	WMF4D15K-F	0.188 (4.8)	0.687 (17.4)	0.020 (0.5)	14400
.0022	WMF4D22K-F	0.188 (4.8)	0.687 (17.4)	0.020 (0.5)	14400
.0027	WMF4D27K-F	0.210 (5.3)	0.687 (17.4)	0.020 (0.5)	14400
.0033	WMF4D33K-F	0.222 (5.6)	0.687 (17.4)	0.020 (0.5)	14400
.0039	WMF4D39K-F	0.232 (5.9)	0.687 (17.4)	0.020 (0.5)	14400
.0047	WMF4D47K-F	0.236 (6.0)	0.687 (17.4)	0.020 (0.5)	14400
.0056	WMF4D56K-F	0.265 (6.7)	0.687 (17.4)	0.024 (0.6)	14400

Cap. (μ F)	Catalog Part Number	D (inches) (mm)	L (inches) (mm)	d (inches) (mm)	dV/dt V/ μ s
.0068	WMF4D68K-F	0.282 (7.2)	0.687 (17.4)	0.024 (0.6)	14400
.0082	WMF4D82K-F	0.305 (7.7)	0.687 (17.4)	0.024 (0.6)	14400
.0100	WMF4S1K-F	0.330 (8.4)	0.687 (17.4)	0.024 (0.6)	14400
.0150	WMF4S15K-F	0.390 (9.9)	0.687 (17.4)	0.024 (0.6)	14400
.0220	WMF4S22K-F	0.350 (8.9)	0.812 (20.6)	0.024 (0.6)	7200
.0270	WMF4S27K-F	0.380 (9.6)	0.812 (20.6)	0.024 (0.6)	7200
.0330	WMF4S33K-F	0.375 (9.5)	0.875 (22.2)	0.024 (0.6)	6500
.0390	WMF4S39K-F	0.400 (10.2)	0.875 (22.2)	0.024 (0.6)	6500
.0470	WMF4S47K-F	0.432 (11.0)	0.875 (22.2)	0.024 (0.6)	6500
.0560	WMF4S56K-F	0.385 (9.8)	1.062 (27.0)	0.024 (0.6)	3600
.0680	WMF4S68K-F	0.405 (10.3)	1.062 (27.0)	0.024 (0.6)	3600
.0820	WMF4S82K-F	0.405 (10.3)	1.062 (27.0)	0.024 (0.6)	3600
.1000	WMF4P1K-F	0.490 (12.4)	1.062 (27.0)	0.024 (0.6)	3600
.1500	WMF4P15K-F	0.535 (13.6)	1.250 (31.7)	0.024 (0.6)	2400
.2200	WMF4P22K-F	0.595 (15.1)	1.375 (34.9)	0.032 (0.8)	2400
.2700	WMF4P27K-F	0.610 (15.5)	1.500 (38.1)	0.032 (0.8)	2400
.3300	WMF4P33K-F	0.625 (15.9)	1.625 (41.3)	0.032 (0.8)	2400
.3900	WMF4P39K-F	0.625 (15.9)	1.625 (41.3)	0.032 (0.8)	2400
.4700	WMF4P47K-F	0.730 (18.5)	1.625 (41.3)	0.040 (1.0)	2400
.5600	WMF4P56K-F	0.755 (19.2)	1.750 (44.4)	0.040 (1.0)	2400
.6800	WMF4P68K-F	0.820 (20.8)	1.750 (44.4)	0.040 (1.0)	2400
.8200	WMF4P82K-F	0.895 (22.7)	1.750 (44.4)	0.040 (1.0)	2400
1.0000	WMF4W1K-F	0.895 (22.7)	2.000 (50.8)	0.040 (1.0)	1300
1.2500	WMF4W1P25K-F	0.990 (25.1)	2.000 (50.8)	0.040 (1.0)	1300
1.5000	WMF4W1P5K-F	0.995 (25.3)	2.312 (58.7)	0.040 (1.0)	1300
600/630 Vdc (250 Vac)					
.0010	WMF6D1K-F	0.195 (5.0)	0.812 (20.6)	0.020 (0.5)	9000
.0015	WMF6D15K-F	0.202 (5.1)	0.812 (20.6)	0.020 (0.5)	9000
.0022	WMF6D22K-F	0.216 (5.5)	0.812 (20.6)	0.020 (0.5)	9000
.0027	WMF6D27K-F	0.215 (5.5)	0.812 (20.6)	0.020 (0.5)	9000
.0033	WMF6D33K-F	0.230 (5.8)	0.812 (20.6)	0.020 (0.5)	9000
.0039	WMF6D39K-F	0.240 (6.1)	0.812 (20.6)	0.020 (0.5)	9000
.0047	WMF6D47K-F	0.260 (6.6)	0.812 (20.6)	0.020 (0.5)	9000
.0056	WMF6D56K-F	0.270 (6.9)	0.812 (20.6)	0.024 (0.6)	9000
.0068	WMF6D68K-F	0.290 (7.4)	0.812 (20.6)	0.024 (0.6)	9000
.0082	WMF6D82K-F	0.290 (7.4)	0.812 (20.6)	0.024 (0.6)	9000
.0100	WMF6S1K-F	0.290 (7.4)	0.812 (20.6)	0.024 (0.6)	9000
.0150	WMF6S15K-F	0.295 (7.5)	0.937 (23.8)	0.024 (0.6)	5800
.0220	WMF6S22K-F	0.335 (8.5)	0.937 (23.8)	0.024 (0.6)	5800
.0270	WMF6S27K-F	0.365 (9.3)	0.937 (23.8)	0.024 (0.6)	5800
.0330	WMF6S33K-F	0.394 (10.0)	1.000 (25.4)	0.024 (0.6)	5800
.0390	WMF6S39K-F	0.395 (10.0)	1.000 (25.4)	0.024 (0.6)	5800
.0470	WMF6S47K-F	0.430 (10.9)	1.000 (25.4)	0.024 (0.6)	5800
.0560	WMF6S56K-F	0.460 (11.7)	1.000 (25.4)	0.024 (0.6)	5800
.0680	WMF6S68K-F	0.500 (12.7)	1.000 (25.4)	0.032 (0.8)	5800
.0820	WMF6S82K-F	0.507 (12.9)	1.375 (34.9)	0.032 (0.8)	3700
.1000	WMF6P1K-F	0.580 (14.7)	1.375 (34.9)	0.032 (0.8)	3700
.1500	WMF6P15K-F	0.687 (17.4)	1.375 (34.9)	0.040 (1.0)	3700
.2200	WMF6P22K-F	0.722 (18.3)	1.625 (41.3)	0.040 (1.0)	3700
.2700	WMF6P27K-F	0.792 (20.1)	1.625 (41.3)	0.040 (1.0)	3700
.3300	WMF6P33K-F	0.749 (19.0)	2.000 (50.8)	0.040 (1.0)	1600
.3900	WMF6P39K-F	0.815 (20.7)	2.000 (50.8)	0.040 (1.0)	1600
.4700	WMF6P47K-F	0.885 (22.5)	2.000 (50.8)	0.040 (1.0)	1600
.5600	WMF6P56K-F	0.952 (24.2)	2.000 (50.8)	0.040 (1.0)	1600
.6800	WMF6P68K-F	1.032 (26.2)	2.000 (50.8)	0.040 (1.0)	1600
.8200	WMF6P82K-F	1.160 (29.5)	2.000 (50.8)	0.040 (1.0)	1600
1.0000	WMF6W1K-F	1.185 (30.1)	2.562 (65.1)	0.040 (1.0)	1600