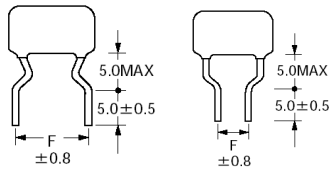


Straight leads

Kinked leads



**METALLIZED POLYPROPYLENE FILM
CAPACITOR
MULTIPURPOSE APPLICATIONS
SERIES CODES: MPC**

All dimensions are in mm.

PART NUMBERING SYSTEM



- Series code
- Capacitance value in pico farads. First 2 digits are significant and 3rd digit indicates number of zeros.
- Capacitance tolerance
V = 3% J = 5% K = 10%
- D.C. voltage
- Packaging code
B = bulk A = ammo
- Lead spacing (mm) -- (Applies to standard lead spacing only. For non-standard lead spacing, contact NAA for assistance.)
D = 7.5 F = 10.0 G = 12.5
I = 15.0 K = 17.5 M = 20.0
N = 22.5 R = 27.5
- Lead Forming (omit for straight leads):
K = kink
- Internal code

SPECIFICATIONS

- Temp range:** -40 to +105°C
Voltage: 250Vdc, 315Vdc, 400Vdc, 630Vdc, 800Vdc, 1000Vdc, 1250Vdc, 1600Vdc
Capacitance: 250V 0.010μF to 10μF
 315V 0.010μF to 4.7μF
 400V 0.010μF to 3.3μF
 630V 0.010μF to 2.2μF
 800V 1000pF to 0.68μF
 1000V 1000pF to 0.22μF
 1250V 1000pF to 0.18μF
 1600V 1000pF to 0.10μF
Cap. tolerance: ±3% (V); ±5% (J); ±10% (K)
Tangent of loss angle: ≤ 0.0005 (at 1kHz)
Voltage proof: WV x 150% 60 sec or
 WV x 175% 1~5 sec
Insulation resistance: ≥ 30,000 MΩ for C≤0.33μF
 (100Vdc/1min) ≥ 10,000 ΩF for C>0.33μF
Endurance: 105°C WV x 125% 1000hrs
 ΔC/C ±5% tgδ ≤ 0.0005
 IR C≤0.33μF ≥ 15,000 MΩ
 C>0.33μF ≥ 5,000 ΩF
Damp heat: 60°C 90 to 95%RH WV 1000hrs
 ΔC/C ±5% tgδ ≤ 0.0005
 IR C≤0.33μF ≥ 10,000 MΩ
 C>0.33μF ≥ 3,000 ΩF

**METALLIZED POLYPROPYLENE FILM
CAPACITOR
MULTIPURPOSE APPLICATIONS
SERIES CODES: MPC**

Rated Cap.	250Vdc						Part Number
	W	H	T	P	F	Ød	
0.010µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC103-250---
0.012µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC123-250---
0.015µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC153-250---
0.018µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC183-250---
0.022µF	13.0	10.5	6.5	10.0	7.5/10.0	0.8	MPC223-250---
0.027µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC273-250---
0.033µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC333-250---
0.039µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC393-250---
0.047µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC473-250---
0.056µF	13.0	10.0	6.5	10.0	7.5/10.0	0.8	MPC563-250---
0.068µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC683-250---
0.082µF	13.0	11.0	7.5	10.0	7.5/10.0	0.8	MPC823-250---
0.10µF	15.5	12.0	6.5	12.5	7.5/10.0	0.8	MPC104-250---
0.12µF	15.5	12.5	7.0	12.5	7.5/10.0	0.8	MPC124-250---
0.15µF	15.5	13.0	7.5	12.5	7.5/10.0	0.8	MPC154-250---
0.18µF	15.5	11.5	6.0	12.5	7.5/10.0	0.8	MPC184-250---
0.22µF	15.5	12.0	6.5	12.5	7.5/10.0	0.8	MPC224-250---
0.27µF	15.5	12.5	7.0	12.5	7.5/10.0	0.8	MPC274-250---
0.33µF	15.5	13.0	7.5	12.5	7.5/10.0	0.8	MPC334-250---
0.39µF	15.5	12.5	9.0	12.5	7.5/10.0	0.8	MPC394-250---
0.47µF	20.5	13.5	7.0	17.5	7.5/10.0/12.5	0.8	MPC474-250---
0.56µF	20.5	14.0	7.5	17.5	7.5/10.0/12.5	0.8	MPC564-250---
0.68µF	20.5	14.5	8.0	17.5	7.5/10.0/12.5	0.8	MPC684-250---
0.82µF	20.5	15.5	8.5	17.5	7.5/10.0/12.5	0.8	MPC824-250---
1.0µF	20.5	16.0	9.5	17.5	7.5/10.0/12.5	0.8	MPC105-250---
1.2µF	20.5	17.0	10.0	17.5	7.5/10.0/12.5	0.8	MPC125-250---
1.5µF	20.5	18.0	11.0	17.5	7.5/10.0/12.5	0.8	MPC155-250---
1.8µF	25.5	19.5	9.5	22.5	17.5	0.8	MPC185-250---
2.2µF	25.5	20.5	10.5	22.5	17.5	0.8	MPC225-250---
2.7µF	25.5	21.5	11.5	22.5	17.5	0.8	MPC275-250---
3.3µF	25.5	22.5	12.5	22.5	17.5	0.8	MPC335-250---
3.9µF	31.0	22.5	13.0	27.5	22.5	0.8	MPC395-250---
4.7µF	31.0	24.0	14.0	27.5	22.5	0.8	MPC475-250---
5.6µF	31.0	25.0	15.5	27.5	22.5	0.8	MPC565-250---
6.8µF	31.0	26.0	17.5	27.5	22.5	0.8	MPC685-250---
8.2µF	37.0	25.5	17.0	32.5	27.5	0.8	MPC825-250---
10.0µF	37.0	26.5	20.0	32.5	27.5	0.8	MPC106-250---

Tolerance: V (±3%); J (±5%); K (±10%) _____
 Packaging code: B (bulk); A (ammo) _____
 Lead spacing: D (7.5); F (10.0); G (12.5);
 K (17.5); N (22.5); R (27.5) _____
 Lead forming: K (kink) _____

Rated Cap.	315Vdc						Part Number
	W	H	T	P	F	Ød	
0.010µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC103-315---
0.012µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC123-315---
0.015µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC153-315---
0.018µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC183-315---
0.022µF	13.0	10.5	6.5	10.0	7.5/10.0	0.8	MPC223-315---
0.027µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC273-315---
0.033µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC333-315---
0.039µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC393-315---
0.047µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC473-315---
0.056µF	13.0	10.0	6.5	10.0	7.5/10.0	0.8	MPC563-315---
0.068µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC683-315---
0.082µF	13.0	11.0	7.5	10.0	7.5/10.0	0.8	MPC823-315---
0.10µF	15.5	12.0	6.5	12.5	7.5/10.0	0.8	MPC104-315---
0.12µF	15.5	12.5	7.0	12.5	7.5/10.0	0.8	MPC124-315---
0.15µF	15.5	13.0	7.5	12.5	7.5/10.0	0.8	MPC154-315---
0.18µF	15.5	12.5	7.0	12.5	7.5/10.0	0.8	MPC184-315---
0.22µF	15.5	13.0	8.0	12.5	7.5/10.0	0.8	MPC224-315---
0.27µF	15.5	13.0	9.0	12.5	7.5/10.0	0.8	MPC274-315---
0.33µF	18.5	13.5	8.0	15.0	7.5/10.0/12.5	0.8	MPC334-315---
0.39µF	18.5	14.0	8.5	15.0	7.5/10.0/12.5	0.8	MPC394-315---
0.47µF	18.5	15.5	8.5	15.0	7.5/10.0/12.5	0.8	MPC474-315---
0.56µF	18.5	16.0	9.5	15.0	7.5/10.0/12.5	0.8	MPC564-315---
0.68µF	20.5	16.5	9.5	17.5	7.5/10.0/12.5	0.8	MPC684-315---
0.82µF	20.5	17.0	10.5	17.5	7.5/10.0/12.5	0.8	MPC824-315---
1.0µF	20.5	18.0	11.5	17.5	7.5/10.0/12.5	0.8	MPC105-315---
1.2µF	25.5	18.5	10.0	22.5	17.5	0.8	MPC125-315---
1.5µF	25.5	19.5	11.5	22.5	17.5	0.8	MPC155-315---
1.8µF	25.5	20.5	12.5	22.5	17.5	0.8	MPC185-315---
2.2µF	25.5	23.0	13.0	22.5	17.5	0.8	MPC225-315---
2.7µF	31.0	23.0	13.5	27.5	22.5	0.8	MPC275-315---
3.3µF	31.0	24.5	14.5	27.5	22.5	0.8	MPC335-315---
3.9µF	31.0	26.0	16.0	27.5	22.5	0.8	MPC395-315---
4.7µF	31.0	26.5	18.5	27.5	22.5	0.8	MPC475-315---

Tolerance: V (±3%); J (±5%); K (±10%) _____
 Packaging code: B (bulk); A (ammo) _____
 Lead spacing: D (7.5); F (10.0); G (12.5);
 K (17.5); N (22.5); R (27.5) _____
 Lead forming: K (kink) _____

All dimensions are in mm.

Note: Intermediate values are available on request.

METALLIZED POLYPROPYLENE FILM CAPACITOR MULTIPURPOSE APPLICATIONS SERIES CODES: MPC

Rated Cap.	400Vdc						Part Number
	W	H	T	P	F	Ød	
0.010µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC103-400---
0.012µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC123-400---
0.015µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC153-400---
0.018µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC183-400---
0.022µF	13.0	10.5	6.5	10.0	7.5/10.0	0.8	MPC223-400---
0.027µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC273-400---
0.033µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC333-400---
0.039µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC393-400---
0.047µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC473-400---
0.056µF	13.0	10.0	6.5	10.0	7.5/10.0	0.8	MPC563-400---
0.068µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC683-400---
0.082µF	13.0	11.0	7.5	10.0	7.5/10.0	0.8	MPC823-400---
0.10µF	15.5	12.0	6.5	12.5	7.5/10.0	0.8	MPC104-400---
0.12µF	15.5	12.5	7.0	12.5	7.5/10.0	0.8	MPC124-400---
0.15µF	15.5	13.0	7.5	12.5	7.5/10.0	0.8	MPC154-400---
0.18µF	18.5	13.5	7.0	15.0	7.5/10.0/12.5	0.8	MPC184-400---
0.22µF	18.5	14.0	7.5	15.0	7.5/10.0/12.5	0.8	MPC224-400---
0.27µF	18.5	15.0	8.0	15.0	7.5/10.0/12.5	0.8	MPC274-400---
0.33µF	18.5	15.5	9.0	15.0	7.5/10.0/12.5	0.8	MPC334-400---
0.39µF	18.5	15.5	10.0	15.0	7.5/10.0/12.5	0.8	MPC394-400---
0.47µF	20.5	16.5	9.5	17.5	7.5/10.0/12.5	0.8	MPC474-400---
0.56µF	20.5	17.0	10.5	17.5	7.5/10.0/12.5	0.8	MPC564-400---
0.68µF	20.5	17.5	12.0	17.5	7.5/10.0/12.5	0.8	MPC684-400---
0.82µF	25.5	18.5	10.0	22.5	17.5	0.8	MPC824-400---
1.0µF	25.5	19.5	11.0	22.5	17.5	0.8	MPC105-400---
1.2µF	25.5	20.5	12.0	22.5	17.5	0.8	MPC125-400---
1.5µF	25.5	22.0	13.5	22.5	17.5	0.8	MPC155-400---
1.8µF	31.0	23.0	13.0	27.5	22.5	0.8	MPC185-400---
2.2µF	31.0	24.5	14.5	27.5	22.5	0.8	MPC225-400---
2.7µF	37.0	24.0	14.0	32.5	27.5	0.8	MPC275-400---
3.3µF	37.0	25.0	16.5	32.5	27.5	0.8	MPC335-400---

Tolerance: V (±3%); J (±5%); K (±10%)
 Packaging code: B (bulk); A (ammo)
 Lead spacing: D (7.5); F (10.0); G (12.5);
 I (15.0); K (17.5); N (22.5)
 Lead forming: K (kink)

Rated Cap.	630Vdc						Part Number
	W	H	T	P	F	Ød	
0.010µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC103-630---
0.012µF	13.0	9.0	5.5	10.0	7.5/10.0	0.8	MPC123-630---
0.015µF	13.0	9.5	6.0	10.0	7.5/10.0	0.8	MPC153-630---
0.018µF	13.0	10.0	6.0	10.0	7.5/10.0	0.8	MPC183-630---
0.022µF	13.0	10.5	6.5	10.0	7.5/10.0	0.8	MPC223-630---
0.027µF	13.0	10.5	7.0	10.0	7.5/10.0	0.8	MPC273-630---
0.033µF	15.5	11.5	6.5	12.5	7.5/10.0	0.8	MPC333-630---
0.039µF	15.5	12.0	6.5	12.5	7.5/10.0	0.8	MPC393-630---
0.047µF	15.5	12.5	7.0	12.5	7.5/10.0	0.8	MPC473-630---
0.056µF	15.5	13.0	7.5	12.5	7.5/10.0	0.8	MPC563-630---
0.068µF	15.5	12.5	9.0	12.5	7.5/10.0	0.8	MPC683-630---
0.082µF	18.5	14.0	7.0	15.0	7.5/10.0/12.5	0.8	MPC823-630---
0.10µF	18.5	14.5	8.0	15.0	7.5/10.0/12.5	0.8	MPC104-630---
0.12µF	18.5	15.0	8.5	15.0	7.5/10.0/12.5	0.8	MPC124-630---
0.15µF	18.5	16.0	9.5	15.0	7.5/10.0/12.5	0.8	MPC154-630---
0.18µF	20.5	16.0	9.5	17.5	7.5/10.0/12.5	0.8	MPC184-630---
0.22µF	20.5	17.0	10.0	17.5	7.5/10.0/12.5	0.8	MPC224-630---
0.27µF	20.5	18.0	11.0	17.5	7.5/10.0/12.5	0.8	MPC274-630---
0.33µF	25.5	18.5	10.0	22.5	17.5	0.8	MPC334-630---
0.39µF	25.5	19.0	10.5	22.5	17.5	0.8	MPC394-630---
0.47µF	25.5	20.0	11.5	22.5	17.5	0.8	MPC474-630---
0.56µF	25.5	21.0	13.0	22.5	17.5	0.8	MPC564-630---
0.68µF	25.5	22.5	14.0	22.5	17.5	0.8	MPC684-630---
0.82µF	31.0	23.5	13.5	27.5	22.5	0.8	MPC824-630---
1.0µF	31.0	25.0	15.0	27.5	22.5	0.8	MPC105-630---
1.2µF	31.0	26.0	16.5	27.5	22.5	0.8	MPC125-630---
1.5µF	37.0	25.5	17.0	32.5	27.5	0.8	MPC155-630---
1.8µF	37.0	26.0	19.5	32.5	27.5	0.8	MPC185-630---
2.2µF	37.0	28.0	21.0	32.5	27.5	0.8	MPC225-630---

Tolerance: V (±3%); J (±5%); K (±10%)
 Packaging code: B (bulk); A (ammo)
 Lead spacing: D (7.5); F (10.0); G (12.5); I (15.0);
 K (17.5); N (22.5); R (27.5)
 Lead forming: K (kink)

All dimensions are in mm.

Note: Intermediate values are available on request.

**METALLIZED POLYPROPYLENE FILM
CAPACITOR
MULTIPURPOSE APPLICATIONS
SERIES CODES: MPC**

Rated Cap.	800Vdc						Part Number
	W	H	T	P	F	Ød	
1000pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC102-800-I-
1200pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC122-800-I-
1500pF	18.5	10.0	6.5	15.0	15.0	0.8	MPC152-800-I-
1800pF	18.5	10.5	7.0	15.0	15.0	0.8	MPC182-800-I-
2200pF	18.5	11.0	7.5	15.0	15.0	0.8	MPC222-800-I-
2700pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC272-800-I-
3300pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC332-800-I-
3900pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC392-800-I-
4700pF	18.5	11.0	6.0	15.0	15.0	0.8	MPC472-800-I-
5600pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC562-800-I-
6800pF	18.5	10.0	6.0	15.0	15.0	0.8	MPC682-800-I-
8200pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC822-800-I-
0.010µF	18.5	9.5	6.0	15.0	15.0	0.8	MPC103-800-I-
0.012µF	18.5	11.0	6.0	15.0	15.0	0.8	MPC123-800-I-
0.015µF	18.5	9.5	6.0	15.0	15.0	0.8	MPC153-800-I-
0.018µF	18.5	11.0	6.0	15.0	15.0	0.8	MPC183-800-I-
0.022µF	18.5	11.5	6.0	15.0	15.0	0.8	MPC223-800-I-
0.027µF	18.5	12.0	7.0	15.0	15.0	0.8	MPC273-800-I-
0.033µF	23.5	11.5	6.5	20.0	15.0/20.0	0.8	MPC333-800---
0.039µF	23.5	12.0	7.0	20.0	15.0/20.0	0.8	MPC393-800---
0.047µF	23.5	12.5	7.5	20.0	15.0/20.0	0.8	MPC473-800---
0.056µF	23.5	14.0	7.5	20.0	15.0/20.0	0.8	MPC563-800---
0.068µF	23.5	17.0	7.0	20.0	15.0/20.0	0.8	MPC683-800---
0.082µF	23.5	17.5	7.5	20.0	15.0/20.0	0.8	MPC823-800---
0.10µF	23.5	18.5	8.5	20.0	15.0/20.0	0.8	MPC104-800---
0.12µF	28.5	17.5	7.5	25.0	15.0/25.0	0.8	MPC124-800---
0.15µF	28.5	18.5	8.5	25.0	15.0/25.0	0.8	MPC154-800---
0.18µF	28.5	20.5	9.0	25.0	15.0/25.0	0.8	MPC184-800---
0.22µF	28.5	21.5	10.0	25.0	15.0/25.0	0.8	MPC224-800---
0.27µF	28.5	22.5	11.0	25.0	15.0/25.0	0.8	MPC274-800---
0.33µF	28.5	23.5	12.0	25.0	15.0/25.0	0.8	MPC334-800---
0.39µF	28.5	23.5	13.5	25.0	15.0/25.0	0.8	MPC394-800---
0.47µF	28.5	25.0	15.0	25.0	15.0/25.0	0.8	MPC474-800---
0.56µF	28.5	25.5	17.5	25.0	15.0/25.0	0.8	MPC564-800---
0.68µF	28.5	27.5	19.0	25.0	15.0/25.0	0.8	MPC684-800---

Tolerance: V (±3%); J (±5%); K (±10%) _____
 Packaging code: B (bulk); A (ammo) _____
 Lead spacing: I (15.0); M (20.0) _____
 Lead forming: K (kink) _____

Rated Cap.	1000Vdc						Part Number
	W	H	T	P	F	Ød	
1000pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC102-1000-I-
1200pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC122-1000-I-
1500pF	18.5	10.0	6.5	15.0	15.0	0.8	MPC152-1000-I-
1800pF	18.5	10.5	7.0	15.0	15.0	0.8	MPC182-1000-I-
2200pF	18.5	11.0	7.5	15.0	15.0	0.8	MPC222-1000-I-
2700pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC272-1000-I-
3300pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC332-1000-I-
3900pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC392-1000-I-
4700pF	18.5	11.0	6.0	15.0	15.0	0.8	MPC472-1000-I-
5600pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC562-1000-I-
6800pF	18.5	10.0	6.0	15.0	15.0	0.8	MPC682-1000-I-
8200pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC822-1000-I-
0.010µF	18.5	9.5	6.0	15.0	15.0	0.8	MPC103-1000-I-
0.012µF	18.5	11.0	6.0	15.0	15.0	0.8	MPC123-1000-I-
0.015µF	18.5	11.5	6.0	15.0	15.0	0.8	MPC153-1000-I-
0.018µF	18.5	12.0	6.5	15.0	15.0	0.8	MPC183-1000-I-
0.022µF	18.5	12.5	7.0	15.0	15.0	0.8	MPC223-1000-I-
0.027µF	18.5	13.0	8.0	15.0	15.0	0.8	MPC273-1000-I-
0.033µF	23.5	12.5	7.0	20.0	15.0/20.0	0.8	MPC333-1000---
0.039µF	23.5	13.0	7.5	20.0	15.0/20.0	0.8	MPC393-1000---
0.047µF	23.5	14.5	7.5	20.0	15.0/20.0	0.8	MPC473-1000---
0.056µF	23.5	16.0	8.0	20.0	15.0/20.0	0.8	MPC563-1000---
0.068µF	23.5	18.0	8.0	20.0	15.0/20.0	0.8	MPC683-1000---
0.082µF	23.5	18.5	9.0	20.0	15.0/20.0	0.8	MPC823-1000---
0.10µF	23.5	19.5	9.5	20.0	15.0/20.0	0.8	MPC104-1000---
0.12µF	28.5	19.0	9.0	25.0	15.0/25.0	0.8	MPC124-1000---
0.15µF	28.5	20.0	10.0	25.0	15.0/25.0	0.8	MPC154-1000---
0.18µF	28.5	22.0	10.5	25.0	15.0/25.0	0.8	MPC184-1000---
0.22µF	28.5	23.0	11.5	25.0	15.0/25.0	0.8	MPC224-1000---

Tolerance: V (±3%); J (±5%); K (±10%) _____
 Packaging code: B (bulk); A (ammo) _____
 Lead spacing: I (15.0); M (20.0) _____
 Lead forming: K (kink) _____

All dimensions are in mm.

Note: Intermediate values are available on request.

**METALLIZED POLYPROPYLENE FILM
CAPACITOR
MULTIPURPOSE APPLICATIONS
SERIES CODES: MPC**

Rated Cap.	1250Vdc						Part Number
	W	H	T	P	F	Ød	
1000pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC102-1250-I-
1200pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC122-1250-I-
1500pF	18.5	10.0	6.5	15.0	15.0	0.8	MPC152-1250-I-
1800pF	18.5	10.5	7.0	15.0	15.0	0.8	MPC182-1250-I-
2200pF	18.5	11.0	7.5	15.0	15.0	0.8	MPC222-1250-I-
2700pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC272-1250-I-
3300pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC332-1250-I-
3900pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC392-1250-I-
4700pF	18.5	11.0	6.0	15.0	15.0	0.8	MPC472-1250-I-
5600pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC562-1250-I-
6800pF	18.5	10.0	6.0	15.0	15.0	0.8	MPC682-1250-I-
8200pF	18.5	11.0	6.0	15.0	15.0	0.8	MPC822-1250-I-
0.010µF	18.5	11.5	6.5	15.0	15.0	0.8	MPC103-1250-I-
0.012µF	18.5	12.0	7.0	15.0	15.0	0.8	MPC123-1250-I-
0.015µF	18.5	13.0	7.5	15.0	15.0	0.8	MPC153-1250-I-
0.018µF	23.5	12.0	7.0	20.0	15.0/20.0	0.8	MPC183-1250---
0.022µF	23.5	13.0	7.5	20.0	15.0/20.0	0.8	MPC223-1250---
0.027µF	23.5	15.5	7.0	20.0	15.0/20.0	0.8	MPC273-1250---
0.033µF	23.5	16.0	8.0	20.0	15.0/20.0	0.8	MPC333-1250---
0.039µF	23.5	16.5	8.5	20.0	15.0/20.0	0.8	MPC393-1250---
0.047µF	23.5	18.5	8.0	20.0	15.0/20.0	0.8	MPC473-1250---
0.056µF	28.5	19.0	7.5	25.0	15.0/25.0	0.8	MPC563-1250---
0.068µF	28.5	21.0	8.0	25.0	15.0/25.0	0.8	MPC683-1250---
0.082µF	28.5	21.5	8.5	25.0	15.0/25.0	0.8	MPC823-1250---
0.10µF	28.5	22.5	9.5	25.0	15.0/25.0	0.8	MPC104-1250---
0.12µF	28.5	23.0	10.5	25.0	15.0/25.0	0.8	MPC124-1250---
0.15µF	28.5	24.5	11.5	25.0	15.0/25.0	0.8	MPC154-1250---
0.18µF	28.5	26.0	13.0	25.0	15.0/25.0	0.8	MPC184-1250---

Tolerance: V (±3%); J (± 5%); K (±10%) _____
 Packaging code: B (bulk); A (ammo) _____
 Lead spacing: I (15.0); M (20.0) _____
 Lead forming: K (kink) _____

Rated Cap.	1600Vdc						Part Number
	W	H	T	P	F	Ød	
1000pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC102-1600-I-
1200pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC122-1600-I-
1500pF	18.5	10.0	6.5	15.0	15.0	0.8	MPC152-1600-I-
1800pF	18.5	10.5	7.0	15.0	15.0	0.8	MPC182-1600-I-
2200pF	18.5	11.0	7.5	15.0	15.0	0.8	MPC222-1600-I-
2700pF	18.5	9.0	5.5	15.0	15.0	0.8	MPC272-1600-I-
3300pF	18.5	9.5	6.0	15.0	15.0	0.8	MPC332-1600-I-
3900pF	18.5	11.0	5.5	15.0	15.0	0.8	MPC392-1600-I-
4700pF	18.5	11.0	6.0	15.0	15.0	0.8	MPC472-1600-I-
5600pF	18.5	11.5	6.5	15.0	15.0	0.8	MPC562-1600-I-
6800pF	18.5	12.0	7.0	15.0	15.0	0.8	MPC682-1600-I-
8200pF	18.5	12.5	7.5	15.0	15.0	0.8	MPC822-1600-I-
0.010µF	23.5	12.5	7.5	20.0	15.0/20.0	0.8	MPC103-1600---
0.012µF	23.5	13.0	8.0	20.0	15.0/20.0	0.8	MPC123-1600---
0.015µF	23.5	15.0	8.0	20.0	15.0/20.0	0.8	MPC153-1600---
0.018µF	23.5	16.5	8.0	20.0	15.0/20.0	0.8	MPC183-1600---
0.022µF	28.5	15.0	8.0	25.0	15.0/25.0	0.8	MPC223-1600---
0.027µF	28.5	17.0	8.5	25.0	15.0/25.0	0.8	MPC273-1600---
0.033µF	28.5	20.0	8.5	25.0	15.0/25.0	0.8	MPC333-1600---
0.039µF	28.5	21.5	8.5	25.0	15.0/25.0	0.8	MPC393-1600---
0.047µF	28.5	22.5	9.5	25.0	15.0/25.0	0.8	MPC473-1600---
0.056µF	28.5	23.5	10.0	25.0	15.0/25.0	0.8	MPC563-1600---
0.068µF	28.5	24.5	11.5	25.0	15.0/25.0	0.8	MPC683-1600---
0.082µF	28.5	25.5	12.5	25.0	15.0/25.0	0.8	MPC823-1600---
0.10µF	28.5	27.0	14.0	25.0	15.0/25.0	0.8	MPC104-1600---

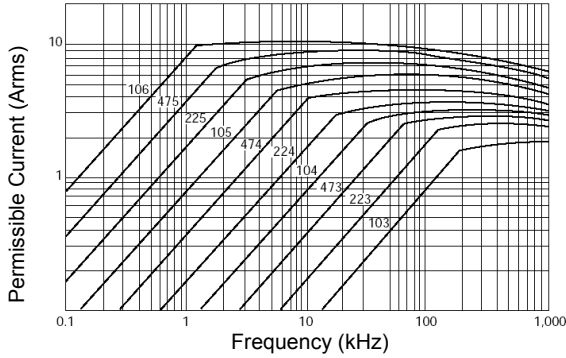
Tolerance: V (±3%); J (± 5%); K (±10%) _____
 Packaging code: B (bulk); A (ammo) _____
 Lead spacing: I (15.0); M (20.0) _____
 Lead forming: K (kink) _____

All dimensions are in mm.

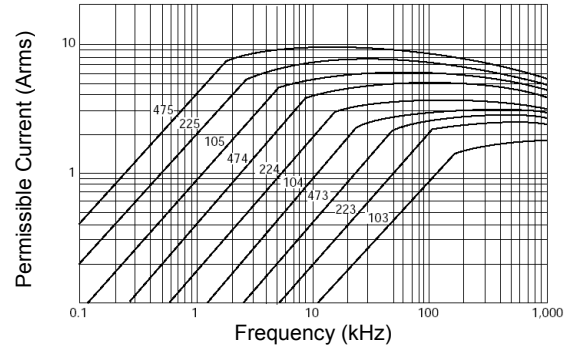
Note: Intermediate values are available on request.

METALLIZED POLYPROPYLENE FILM CAPACITOR
MULTIPURPOSE APPLICATIONS
 SERIES CODES: MPC

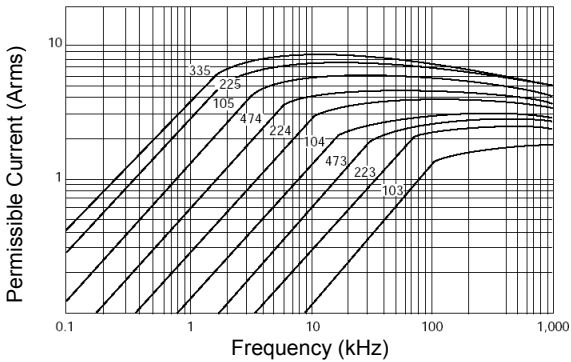
Permissible Current Versus Frequency
250Vdc



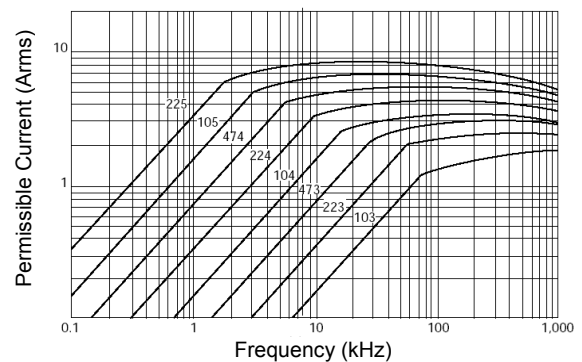
315Vdc



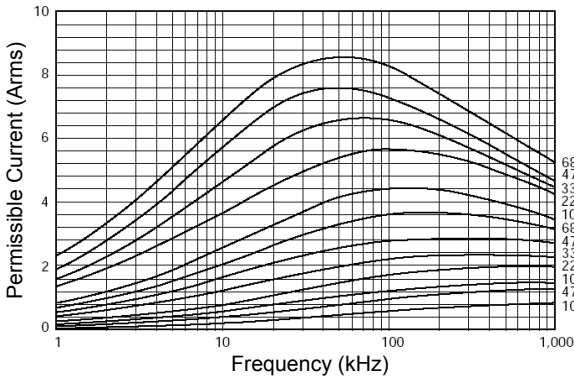
400Vdc



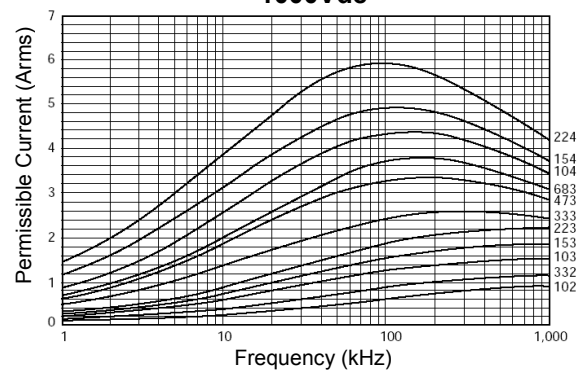
630Vdc



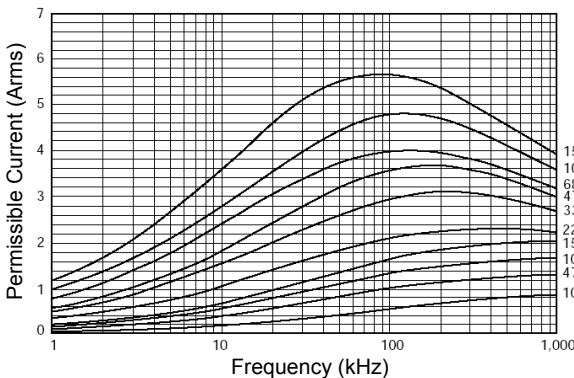
800Vdc



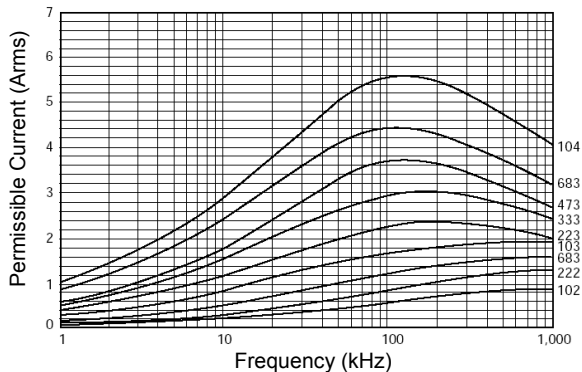
1000Vdc



1250Vdc



1600Vdc



METALLIZED POLYPROPYLENE FILM CAPACITOR
MULTIPURPOSE APPLICATIONS
 SERIES CODES: MPC

Permissible Peak Current (Pulse Current):

Rated Cap.	250Vdc		315Vdc		400Vdc		630Vdc	
	Single Ip	Continuous Ip	Single Ip	Continuous Ip	Single Ip	Continuous Ip	Single Ip	Continuous Ip
0.010μF	5.38	3.96	5.38	3.96	5.38	3.96	5.38	3.96
0.012μF	6.46	4.54	6.46	4.54	6.46	4.54	6.46	4.54
0.015μF	8.07	5.36	8.07	5.36	8.07	5.36	8.07	5.36
0.018μF	9.68	6.15	9.68	6.15	9.68	6.15	9.68	6.15
0.022μF	11.84	7.15	11.84	7.15	11.84	7.15	11.84	7.15
0.027μF	14.53	8.34	14.53	8.34	14.53	8.34	14.53	8.34
0.033μF	7.52	5.47	7.52	5.47	7.52	5.47	7.52	5.47
0.039μF	8.89	6.20	8.89	6.20	8.89	6.20	8.89	6.20
0.047μF	10.72	7.13	10.72	7.13	10.72	7.13	10.72	7.13
0.056μF	12.77	8.13	12.77	8.13	12.77	8.13	12.77	8.13
0.068μF	15.50	9.40	15.50	9.40	15.50	9.40	15.50	9.40
0.082μF	18.70	10.82	18.70	10.82	18.70	10.82	18.70	10.82
0.10μF	17.01	9.60	17.01	9.60	17.01	9.60	17.01	9.60
0.12μF	20.41	11.01	20.41	11.01	20.41	11.01	20.41	11.01
0.15μF	25.52	13.01	25.52	13.01	25.52	13.01	25.52	13.01
0.18μF	19.89	9.95	24.87	12.43	22.06	11.03	22.06	11.03
0.22μF	23.12	11.56	28.91	14.45	25.64	12.82	25.64	12.82
0.27μF	26.96	13.48	33.70	16.85	29.89	14.95	29.89	14.95
0.33μF	31.34	15.67	28.96	14.48	34.75	17.37	34.75	17.37
0.39μF	35.53	17.76	32.82	16.41	39.39	19.69	39.39	19.69
0.47μF	25.73	12.86	37.75	18.88	38.59	19.30	38.59	19.30
0.56μF	29.34	14.67	43.05	21.53	44.01	22.01	44.01	22.01
0.68μF	33.94	16.97	42.43	21.21	50.91	25.46	50.91	25.46
0.82μF	39.06	19.53	48.82	24.41	42.75	21.38	42.75	21.38
1.0μF	37.80	22.66	74.10	28.33	52.00	24.81	64.50	24.81
1.2μF	45.36	25.98	62.40	23.70	62.40	28.44	77.40	28.44
1.5μF	56.70	30.72	78.00	28.02	78.00	33.62	81.90	33.62
1.8μF	54.00	25.70	93.60	32.12	73.80	30.35	98.28	30.35
2.2μF	66.00	29.87	114.40	37.34	90.20	35.28	120.12	35.28
2.7μF	81.00	34.83	110.70	34.28	94.77	32.77		
3.3μF	99.00	40.49	135.30	39.84	115.83	38.09		
3.9μF	79.95	36.13	159.90	45.16				
4.7μF	96.35	41.56	192.70	51.95				
5.6μF	114.80	47.39						
6.8μF	139.40	54.82						
8.2μF	146.78	50.25						
10.0μF	179.00	58.32						

Permissible Peak Current (Pulse Current):

Rated Cap.	800Vdc		1000Vdc		1250Vdc		1600Vdc	
	Single Ip	Continuous Ip	Single Ip	Continuous Ip	Single Ip	Continuous Ip	Single Ip	Continuous Ip
1000pF	7.84	3.92	7.84	3.92	7.84	3.92	7.84	3.92
1200pF	8.99	4.50	8.99	4.50	8.99	4.50	8.99	4.50
1500pF	10.63	5.32	10.63	5.32	10.63	5.32	10.63	5.32
1800pF	12.19	6.10	12.19	6.10	12.19	6.10	12.19	6.10
2200pF	14.17	7.09	14.17	7.09	14.17	7.09	14.17	7.09
2700pF	7.55	3.78	7.55	3.78	7.55	3.78	7.55	3.78
3300pF	8.78	4.39	8.78	4.39	8.78	4.39	8.78	4.39
3900pF	9.95	4.98	9.98	4.98	9.95	4.98	9.95	4.98
4700pF	11.45	5.72	11.45	5.72	11.45	5.72	11.45	5.72
5600pF	9.79	4.90	9.79	4.90	9.79	4.90	13.05	6.53
6800pF	11.33	5.66	11.33	5.66	11.33	5.66	15.10	7.55
8200pF	10.14	5.07	10.14	5.07	13.03	6.52	17.38	8.69
0.010μF	11.76	5.88	11.76	5.88	15.12	7.56	11.76	5.88
0.012μF	13.49	6.74	13.49	6.74	17.34	8.67	13.49	6.74
0.015μF	13.67	6.83	15.94	7.97	20.50	10.25	15.94	7.97
0.018μF	15.67	7.83	18.28	9.14	13.71	6.86	18.28	9.14
0.022μF	18.21	9.11	21.25	10.63	15.94	7.97	15.00	7.50
0.027μF	21.24	10.62	24.78	12.39	18.58	9.29	17.49	8.75
0.033μF	14.40	7.20	16.80	8.40	21.60	10.80	20.33	10.17
0.039μF	16.32	8.16	19.04	9.52	24.49	12.24	23.04	11.52
0.047μF	18.78	9.36	21.90	10.29	28.16	14.08	26.51	13.25
0.056μF	21.41	10.71	24.98	12.49	22.67	11.34	30.23	15.11
0.068μF	24.77	12.38	28.90	14.45	26.23	13.11	34.97	17.48
0.082μF	28.50	14.25	33.25	16.63	30.18	15.09	40.24	20.12
0.10μF	33.08	16.54	38.59	19.29	35.02	17.51	46.70	23.35
0.12μF	26.77	13.38	31.23	15.62	40.15	20.08		
0.15μF	31.65	15.82	36.92	18.46	47.47	23.73		
0.18μF	36.28	18.14	42.33	21.16	54.42	27.21		
0.22μF	42.18	21.09	49.20	24.60				
0.27μF	49.18	24.59						
0.33μF	57.17	28.58						
0.39μF	64.80	32.40						
0.47μF	74.53	37.26						
0.56μF	84.99	42.50						
0.68μF	98.32	49.16						