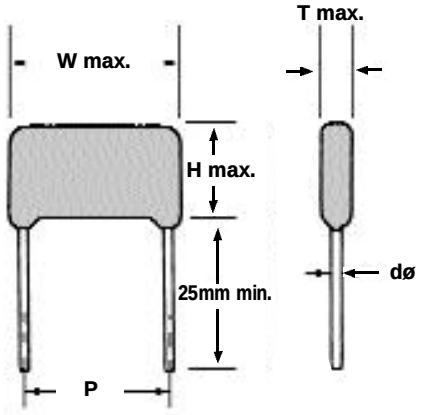
MPF

MPF are non-inductively wound with metallized Polypropylene dielectric/electrode and copper-clad steel leads with epoxy resin coating. They are suitable for filtering, by-pass, coupling, decoupling, timing, tuning and temperature compensation with applications in telecommunications, data processing, industrial instruments and automatic control system equipment.



Features:

- Low dissipation factor and high insulation resistance.
- High stability of capacitance and DF versus temperature and frequency.
- Self-healing properties.

Specifications:

- Operating Temperature: -40°C~+85°C
- Capacitance Range: .001μF~10μF
- Capacitance Tolerance: J (±5%), K (±10%), M (±20%)
- Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC
- Dissipation Factor: 0.1% Max. at 1KHz, 25°C
- Insulation Resistance: >30000 MΩ (C≤.33μF), ≥10000 MΩ-μF (C>.33μF)

Unit: mm

CAP Code	R.V. / Size / CAPμF	100 VDC					250 VDC					400 VDC					630 VDC				
		W	H	T	P±1	dø	W	H	T	P±1	dø	W	H	T	P±1	dø	W	H	T	P±1	dø
102	.001																10.5	9	5.5	7.5	0.6
152	.0015																10.5	9	5.5	7.5	0.6
222	.0022																10.5	9	5.5	7.5	0.6
332	.0033											10.5	9	5.5	7.5	0.6	13	9.5	5.5	10	0.6
472	.0047											10.5	9	5.5	7.5	0.6	13	9.5	5.5	10	0.6
682	.0068											10.5	9	5.5	7.5	0.6	13	10	6	10	0.6
103	.01						10.5	9	5.5	7.5	0.6	13	9	5.5	10	0.6	13	11.5	6.5	10	0.6
153	.015						10.5	9.5	6	7.5	0.6	13	9.5	6	10	0.6	13	12	7.5	10	0.6
223	.022	10.5	9.5	6	7.5	0.6	13	10	6	10	0.6	13	10	6	10	0.6	13	13.5	9	10	0.6
333	.033	10.5	9.5	6	7.5	0.6	13	10	6	10	0.6	13	10.5	7	10	0.6	18.5	14	8	15	0.8
473	.047	13	10.5	6	10	0.6	13	10.5	6	10	0.6	13	12.5	7.5	10	0.6	18.5	14.5	8.5	15	0.8
683	.068	13	11	6	10	0.6	13	11	6	10	0.6	18.5	12.5	7	15	0.8	18.5	15.5	9.5	15	0.8
104	.1	13	11	6.5	10	0.6	18.5	11	6.5	15	0.6	18.5	13.5	7.5	15	0.8	23	17.5	10.5	20	0.8
154	.15	18.5	11.5	6.5	15	0.6	18.5	11.5	6.5	15	0.6	18.5	15.5	9	15	0.8	23	18.5	12	20	0.8
224	.22	18.5	11.5	7	15	0.6	18.5	13	7	15	0.6	23	15	9	20	0.8	32	19	12	27.5	0.8
334	.33	18.5	12	7.5	15	0.6	18.5	14.5	8	15	0.8	23	17.5	11	20	0.8	32	22	14.5	27.5	0.8
474	.47	18.5	14	8	15	0.8	23	14	8	20	0.8	32	18.5	11.5	27.5	0.8	32	24	15	27.5	0.8
684	.68	18.5	15.5	9	15	0.8	23	16	10	20	0.8	32	20.5	13.5	27.5	0.8	36	28.5	16	32.5	0.8
105	1.0	23	17.5	10.5	20	0.8	32	16.5	10	27.5	0.8	32	24.5	16	27.5	0.8	42	31	18	37.5	1.0
155	1.5	32	18	11	27.5	0.8	32	18.5	12	27.5	0.8	36	25.5	17.5	32.5	1.0	42	35	21.5	37.5	1.0
225	2.2	32	19	12.5	27.5	0.8	32	21.5	14.5	27.5	0.8	42	30	18	37.5	1.0	42	40	26	37.5	1.0
335	3.3	32	21.5	14.5	27.5	0.8	32	26	17	27.5	0.8	42	38	22	37.5	1.0					
475	4.7	36	24	14	32.5	1.0	36	28	19.5	32.5	1.0										
685	6.8	42	30	17	37.5	1.0	42	33	19	37.5	1.0										
106	10	42	33	19	37.5	1.0	42	38	22	37.5	1.0										