

MFP

Conduction cooled polypropylene film capacitors for induction heating

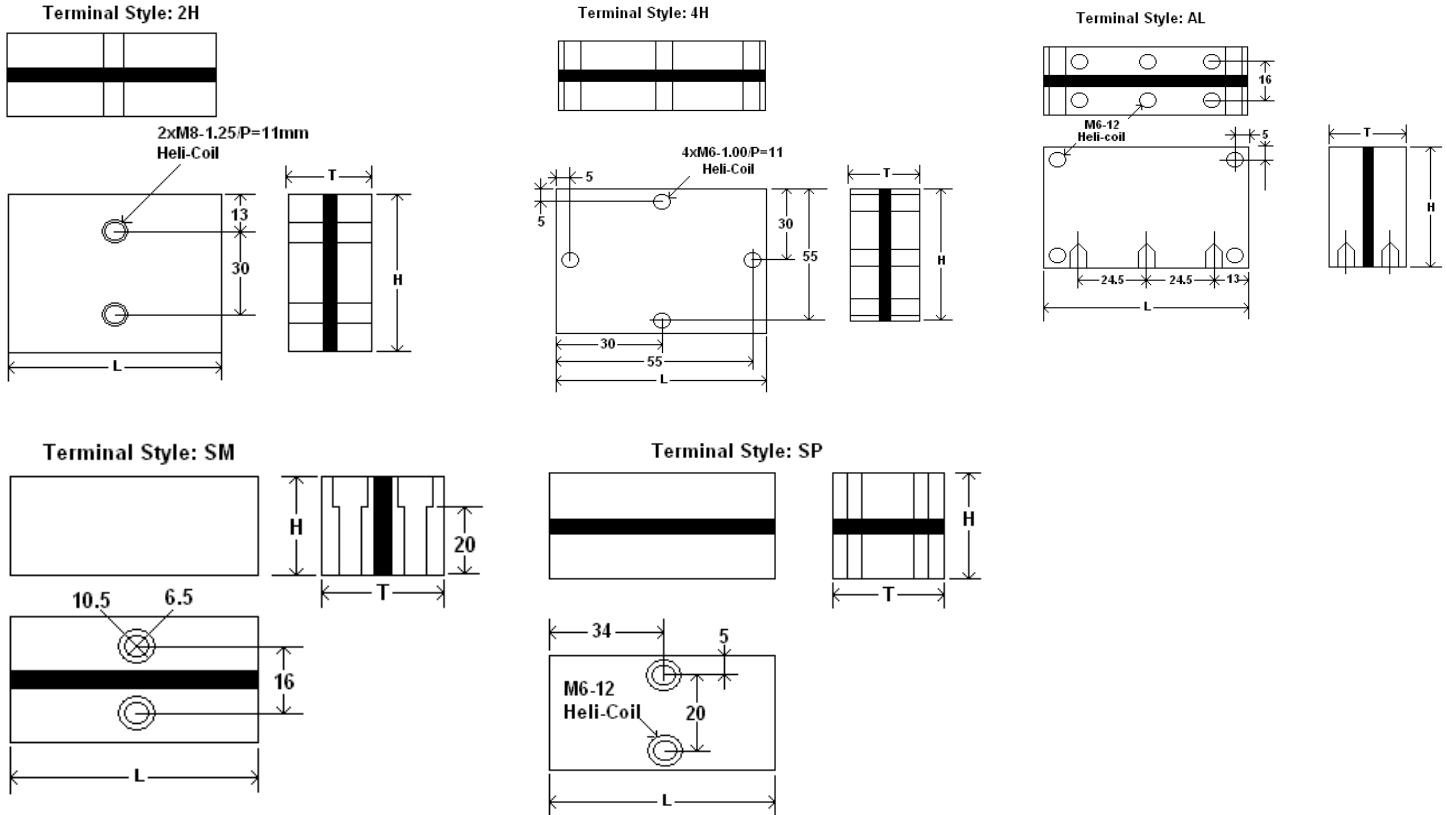
Features

- Metallized polypropylene
- High capacitance
- Low self inductance
- High Voltage

Specifications

AC Voltage	400	450	500	600	700	800	900	1000	
Self Inductance	See part listing								
Construction	Metallized Polypropylene film								
Electrodes	Vacuum deposited Metal layers								
Lead terminations	Lead free tinned copper plates								

Lead styles



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polypropylene film
Capacitors for induction heating

Capacitance (μF)	VAC	IC Part number	Current (A)	MAX Power (Kvar)	Self Inductance (nH)	Resonant Frequency (kHz)	ESR (Ω)	Length (mm)	Height (mm)	Thickness (mm)	Lead style
0.05	1000	503MFP4102KSM*	200	150	3	478-700	1.5	68	30	30.2	SM
0.05	1000	503MFP4102KSM*	250	200	3	636-994	1.5	68	30	30.2	SM
0.05	1000	503MFP4102KSP	200	150	3	478-700	1.5	68	30	30.2	SP
0.05	1000	503MFP5102KSP	250	200	3	636-994	1.5	68	30	30.2	SP
0.1	1000	104MFP4102KSM*	250	150	3	238-243	1.5	68	30	30.2	SM
0.1	1000	104MFP5102KSM*	250	150	3	318-498	1.2	68	30	30.2	SM
0.1	1000	104MFP5102KSP	250	150	3	318-498	1.2	68	30	30.2	SP
0.1	1000	104MFP4102KSP	250	150	3	238-243	1.5	68	30	30.2	SP
0.1	1000	104MFP8102K2H	350	300	5	476-649	1.2	56	66	30.2	2H
0.1	1000	104MFP8102K4H	350	300	5	476-649	1.2	60	60	30.2	4H
0.15	1000	154MFP4102K2H	450	400	5	425-538	2	73	55	30.2	2H
0.17	700	174MFP4700KSM*	250	150	3	286-389	1.2	68	30	30.2	SM
0.17	700	174MFP4700KSP	250	150	3	286-389	1.2	68	30	30.2	SP
0.17	900	174MFP5900KSM*	300	200	3	232-422	1.0	68	30	30.2	SM
0.17	900	174MFP5900KSP	300	200	3	232-422	1.0	68	30	30.2	SP
0.18	700	184MFP9700KAL	350	180	5	324-601	1.5	75	50	30.2	AL
0.2	1000	204MFP2102K2H	450	400	5	319-404	1.8	73	55	30.2	2H
0.2	1000	204MFP8102K2H	500	300	5	238-423	1.2	56	66	30.2	2H
0.2	1000	204MFP8102K4H	500	300	5	238-423	1.2	60	60	30.2	4H
0.24	700	244MFP9700KAL	400	180	5	243-549	1.2	75	50	30.2	AL
0.25	700	254MFP4700KSM*	250	150	3	195-265	1.2	68	30	30.2	SM
0.25	700	254MFP4700KSP	250	150	3	195-265	1.2	68	30	30.2	SP
0.25	700	254MFP8700K2H	500	300	5	390-530	1.2	56	66	30.2	2H
0.25	700	254MFP8700K4H	500	300	5	390-530	1.2	60	60	30.2	4H
0.25	800	254MFP5800KSM*	300	200	3	199-286	0.9	68	30	30.2	SM
0.25	800	254MFP5800KSP	300	200	3	199-286	0.9	68	30	30.2	SP
0.25	1000	254MFP2102K2H	450	400	5	256-323	1.5	73	55	30.2	2H
0.3	1000	304MFP2102K2H	600	400	5	213-478	1.2	73	55	30.2	2H
0.33	700	334MFP4700KSM*	250	150	3	148-200	1.0	68	30	30.2	SM
0.33	700	334MFP4700KSP	250	150	3	148-200	1.0	68	30	30.2	SP
0.33	700	334MFP9700KAL	350	180	5	176-279	1.0	75	50	30.2	AL
0.33	700	334MFP8700K2H	500	300	5	295-401	1.0	56	66	30.2	2H
0.33	700	334MFP8700K4H	500	300	5	295-401	1.0	60	60	30.2	4H
0.33	800	334MFP5800KSM*	300	200	3	150-216	0.8	68	30	30.2	SM
0.33	800	334MFP5800KSP	300	200	3	150-216	0.8	68	30	30.2	SP
0.5	700	504MFP2700K2H	600	400	5	259-285	1.0	73	55	30.2	2H
0.5	700	504MFP2700KSM*	250	150	3	93-132	1.0	68	30	30.2	SM
0.5	700	504MFP2700KSP	250	150	3	93-132	1.0	68	30	30.2	SP
0.5	800	504MFP5800KSM*	350	200	3	98-194	0.6	68	30	30.2	SM
0.5	800	504MFP5800KSP	350	200	3	98-194	0.6	68	30	30.2	SP
0.66	600	664MFP4600KSM*	300	150	3	100-145	0.8	68	30	30.2	SM
0.66	600	664MFP4600KSP	300	150	3	100-145	0.8	68	30	30.2	SP



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0.66	600	664MFP9600KAL	450	801	5	88-270	0.8	75	50	30.2	AL
0.66	700	664MFP2700K2H	600	400	5	197-220	0.8	73	55	30.2	2H
0.66	700	664MFP8700K2H	500	300	5	147-200	0.8	56	66	30.2	2H
0.66	700	664MFP8700K4H	500	300	5	147-200	0.8	60	60	30.2	4H
0.66	700	664MFP5700KSM*	400	200	3	98-193	0.4	68	30	30.2	SM
0.66	700	664MFP5700KSP	400	200	3	98-193	0.4	68	30	30.2	SP
1	600	105MFP8600K2H	650	300	5	132-223	0.5	56	66	30.2	2H
1	600	105MFP8600K4H	650	300	5	132-223	0.5	60	60	30.2	4H
1	700	105MFP2700K2H	750	400	5	129-223	0.6	73	55	30.2	2H
1.2	500	125MFP4500KSM*	300	150	3	79-80	0.6	68	30	30.2	SM
1.2	500	125MFP4500KSP	300	150	3	79-80	0.6	68	30	30.2	SP
1.2	500	125MFP9500KAL	500	180	5	65-183	0.6	75	50	30.2	AL
1.2	600	125MFP8600K2H	650	300	5	111-187	0.5	56	66	30.2	2H
1.2	600	125MFP8600K4H	650	300	5	111-187	0.5	60	60	30.2	4H
1.2	600	125MFP5600KSM*	450	200	3	74-134	0.4	68	30	30.2	SM
1.2	600	125MFP5600KSP	450	200	3	74-134	0.4	68	30	30.2	SP
1.3	500	135MFP2500K2H	750	350	5	170-196	0.5	73	55	30.2	2H
1.32	600	135MFP8600K2H	650	300	5	100-170	0.3	56	66	30.2	2H
1.32	600	135MFP8600K4H	650	300	5	100-170	0.3	60	60	30.2	4H
1.33	600	135MFP5600KSM*	450	200	3	65-120	0.4	68	30	30.2	SM
1.33	600	135MFP5600KSP	450	200	3	65-120	0.4	68	30	30.2	SP
1.5	500	155MFP2500K2H	800	350	5	148-170	0.4	73	55	30.2	2H
2.0	500	205MFP2500K2H	800	350	5	110-145	0.2	73	55	30.2	2H
2.4	400	245MFP9400KAL	500	180	5	47-91	0.4	75	50	30.2	AL
2.4	400	245MFP1400KSP	400	150	3	63-72	0.6	68	30	30.2	SP
2.4	450	245MFP5450KSM*	500	200	3	65-85	0.3	68	30	30.2	SM
2.4	450	245MFP5450KSP	500	200	3	65-85	0.3	68	30	30.2	SP
2.4	500	245MFP8500K2H	650	300	5	80-97	0.2	56	66	30.2	2H
2.4	500	245MFP8500K4H	650	300	5	80-97	0.2	60	60	30.2	4H
2.5	400	255MFP4400KSM*	400	150	3	63-72	0.6	68	30	30.2	SM
2.6	500	265MFP8500K2H	650	300	5	72-85	0.2	56	66	30.2	2H
2.6	500	265MFP8500K4H	650	300	5	72-85	0.2	60	60	30.2	4H
5	400	505MFP8400K2H	800	300	5	59-67	0.1	56	66	30.2	2H
5	400	505MFP8400K4H	800	300	5	59-67	0.1	60	60	30.2	4H
5	400	505MFP9400KAL	400	180	5	35-63	0.4	75	50	30.2	AL

* Not available in USA

