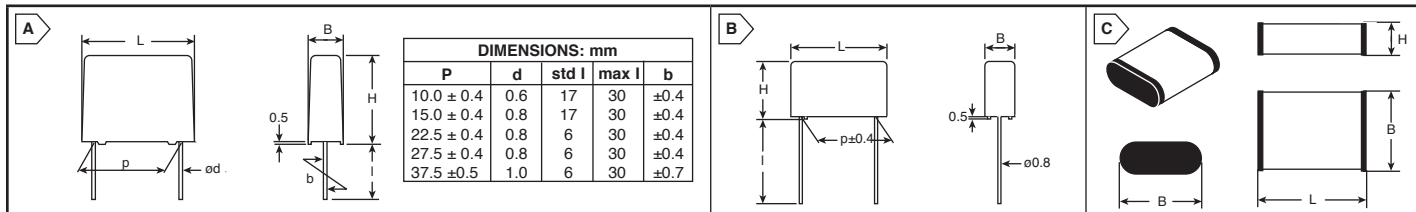


KEMET Film and Metallized Paper Capacitors



EMI SUPPRESSOR METALLIZED POLYPROPYLENE CAPACITORS

- Features:**
- New improved design: Small dimensions including low profile capacitors
 - Temperature range: PHE840: -55 to +105°C; PHE850: -55 to +110°C
 - Construction metallized polypropylene winding, encapsulated in self-extinguishing material meeting the requirements of UL 94 V-0

- Applications:**
- For worldwide use as electromagnetic interference suppressor in all X2 and across-the-line applications

Approvals: ENEC, UL, cUL

EMI (X AND Y) ENGINEERING KIT

MOUSER STOCK NO.	Price Each	
	1	2
80-FLPENGKIT151	67.50	54.00

*Included in the kit (13x2 and 8 Y2)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Fig.	Class	Voltage (VAC)	Value (µF)	Dimensions: mm			Tolerance	Price Each			
						B	H	L		1	25	50	100
* 80-PHE840MA5100MA01	PHE840MA5100MA01R17	A	X2	275/280	0.01	±20%	4.0	9.0	13.0	.20	.17	.16	.15
* 80-PHE840MA5220MA01	PHE840MA5220MA01R17	A	X2	275/280	0.022	±20%	4.0	9.0	13.0	.28	.24	.233	.209
* 80-PHE840MA5330MA01	PHE840MA5330MA01R17	A	X2	275/280	0.033	±20%	4.0	9.0	13.0	.31	.28	.26	.25
* 80-PHE840MA5470MA02	PHE840MA5470MA02R17	A	X2	275/280	0.047	±20%	4.5	10.5	13.0	.40	.34	.32	.30
* 80-PHE840MB6100MB05R	PHE840MB6100MB05R17	A	X2	275/280	0.1	±20%	5.5	12.5	18.0	.48	.44	.40	.36
80-PHE840MB6150MB10T	PHE840MB6150MB10R17	A	X2	275/280	0.15	±20%	6.5	12.5	18.0	.66	.59	.56	.51
80-PHE840MB6220MB12R	PHE840MB6220MB12R17	A	X2	275/280	0.22	±20%	8.0	15.0	18.0	.62	.58	.53	.47
80-PHE840MB6470MB16R	PHE840MB6470MB16R17	A	X2	275/280	0.47	±20%	11.0	19.0	18.0	.95	.72	.65	.57
80-PHE840MD6680MD18R	PHE840MD6680MD18R06	A	X2	275/280	0.68	±20%	10.5	19.0	26.0	.93	.85	.78	.69
* 80-PHE840MK5100MK01R	PHE840MK5100MK01R17	A	X2	275/280	0.01	±20%	4.0	8.0	10.0	.28	.24	.215	.183
* 80-PHE840MK5220MK03R	PHE840MK5220MK03R17	A	X2	275/280	0.022	±20%	5.0	11.0	10.0	.28	.25	.235	.215
* 80-PHE840MK5330MK03R	PHE840MK5330MK03R17	A	X2	275/280	0.033	±20%	5.0	11.0	10.0	.33	.29	.27	.25
80-PHE840MR7220MR05R	PHE840MR7220MR05R06	A	X2	275/280	2.2	±20%	13.0	24.0	41.0	4.53	3.61	3.21	2.84
* 80-PHE840MX6220MB06R	PHE840MX6220MB06R035J	A	X2	275/280	0.22	±20%	7.5	14.5	18.0	.45	.41	.38	.35
80-PHE840MX6220MB06R	PHE840MX6220MB06R17	A	X2	275/280	0.22	±20%	7.5	14.5	18.0	.81	.55	.47	.41
80-PHE840MY6470MD14R	PHE840MY6470MD14R06	A	X2	275/280	0.47	±20%	8.0	16.0	26.0	1.07	.80	.73	.63
* 80-PHE840MY6680MD15R	PHE840MY6680MD15R06	A	X2	275/280	0.68	±20%	9.0	18.5	26.0	1.34	1.17	1.09	1.00
* 80-PHE840MY7100MD16R	PHE840MY7100MD16R06	A	X2	275/280	1	±20%	11.0	21.5	26.0	1.74	1.35	1.19	1.03
* 80-PHE840MZ7100MF11R	PHE840MZ7100MF11R06	A	X2	275/280	1	±20%	10.5	20.5	31.5	2.83	2.26	1.98	1.74
* 80-PHE840MZ7220MF14R	PHE840MZ7220MF14R06	A	X2	275/280	2.2	±20%	17.5	28.0	31.5	3.28	3.01	2.73	2.13
* 80-PHE850EA4100MA06R	PHE850EA4100MA06R17	A	Y2	300	0.001	±20%	4.0	8.0	13.0	.27	.24	.231	.219
* 80-PHE850EA4220MA01R	PHE850EA4220MA01R17	A	Y2	300	0.0022	±20%	4.0	9.0	13.0	.41	.26	.23	.192
* 80-PHE850EA4330MA02R	PHE850EA4330MA02R17	A	Y2	300	0.0033	±20%	4.5	10.5	13.0	.46	.30	.26	.213
* 80-PHE850EA4470MA03R	PHE850EA4470MA03R17	A	Y2	300	0.0047	±20%	5.0	11.0	13.0	.50	.33	.28	.233
* 80-PHE850EB5100MB04R	PHE850EB5100MB04R17	A	Y2	300	0.01	±20%	5.5	10.5	18.0	.63	.41	.36	.29
* 80-PHE850EB5470MB14R	PHE850EB5470MB14R17	A	Y2	300	0.047	±20%	9.5	17.5	18.0	.97	.70	.64	.53
* 80-PHE850ED6100MD18R	PHE850ED6100MD18R06L2	A	Y2	300	0.1	±20%	10.5	19.0	26.0	.86	.78	.64	.56
* 80-PHE850ED6220MD20R	PHE850ED6220MD20R06L2	A	Y2	300	0.22	±20%	13.5	23.0	26.0	1.78	1.37	1.23	1.05
80-PHE840EF7100KF12R	PHE840EF7100KF12R06	A	X2	300	1	±10%	11.5	22.5	31.5	3.64	3.37	3.17	2.96
80-PHE840EF7220KRL2	PHE840EF7220KRL06	A	X2	300	2.2	±10%	21.0	38.0	41.0	4.87	4.37	4.09	3.72

GENERAL PURPOSE AC / DC METALLIZED PAPER CAPACITORS

- Features:**
- Self-extinguishing UL 94V-0 encapsulation material
 - Excellent self-healing properties
 - Ensures long life even when subjected to frequent overvoltages
 - Good resistance to ionization due to impregnated dielectric
 - High dU/dt capability
 - The capacitors meet the most stringent IEC humidity class, 56 days

- The impregnated paper ensures excellent stability giving outstanding reliability properties, especially in applications having continuous operation

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Fig.	Voltage (VAC)	Value (µF)	Dimensions: mm			Tolerance	Price Each				
					B	H	L		1	25	50	100	
80-PME271Y510MR30	PME271Y510MR30	B	Y2	250	0.01	5.2	10.5	18.5	±20%	1.15	.90	.77	.68
80-PME271Y510MR19T0	PME271Y510MR19T0	B	Y2	250	0.01	5.2	10.5	18.5	±20%	1.11	.95	.80	.67
80-PME271Y510MR06	PME271Y510MR06	B	Y2	250	0.01	21.0	38.0	41.0	±20%	1.11	.95	.80	.67
80-PME271Y515MR30	PME271Y515MR30	B	Y2	250	0.015	5.5	11.0	18.5	±20%	1.12	1.03	.87	.73
80-PME271Y515MR19T0	PME271Y515MR19T0	B	Y2	250	0.015	5.5	11.0	18.5	±20%	1.10	.94	.79	.67
80-PME271Y533MR30	PME271Y533MR30	B	Y2	250	0.033	7.6	14.0	24.0	±20%	1.59	1.36	1.14	.96
80-PME271Y547MR30	PME271Y547MR30	B	Y2	250	0.047	9.0	15.0	24.0	±20%	1.88	1.44	1.33	1.11
80-PME271Y410MR30	PME271Y410MR30	B	Y2	250	.001	3.9	7.5	13.5	±20%	1.06	.80	.71	.63
80-PME271Y422MR30	PME271Y422MR30	B	Y2	250	.002	3.9	7.5	13.5	±20%	1.08	.83	.74	.64
80-PME271Y447MR30	PME271Y447MR30	B	Y2	250	.0047	5.1	10.5	13.5	±20%	1.13	.86	.80	.67
80-PME271M610MR19T0	PME271M610MR19T0	B	X2	275	0.1	7.6	14.0	24.0	±20%	1.79	1.51	1.27	1.07
80-PME271M422MR30	PME271M422MR30	B	X2	275	0.0022	3.9	7.5	13.5	20%	1.23	1.07	1.00	.92
80-PME271YA4220MR30	PME271YA4220MR30	B	Y2	300	.0022	3.9	7.5	13.5	±20%	1.18	1.01	.86	.72
80-PME271YA4470MR30	PME271YA4470MR30	B	Y2	300	.0047	5.1	10.5	13.5	±20%	1.23	1.04	.88	.74
80-PME295RB3470MR0T	PME295RB3470MR19T0	B	Y1	440	0.00047	5.5	12.5	18.0	±20%	1.39	1.19	1.00	.84
80-PME264NE6100MR30	PME264NE6100MR30	B	Y2	660	0.1	15.3	22.0	30.5	±20%	5.05	4.30	3.61	3.05

METALLIZED POLYESTER RADIAL CAPACITORS

- Features:**
- Bypassing signal coupling
 - General purpose for highest reliability
 - Construction: Radial leads of tinned wire are electrically welded to the contact metal layer on the ends of the capacitor winding
 - Temperature range: -55 to +100°C

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Fig.	Voltage (VAC)	Value (µF)	Dimensions: mm			Tolerance	Price Each			
					B	H	L		1	25	50	100
80-MMK5104J50J01TR18	MMK5104J50J01TR18	A	50	0.1	2.5	6.5	7.2	±5%	.23	.21	.20	.19
80-MMK5103K63J01L4	MMK5103K63J01L4	A	63	0.01	2.5	6.5	7.2	±10%	.26	.24	.212	.121
80-MMK5223K63J01L4	MMK5223K63J01L4	A	63	0.022	2.5	6.5	7.2	±10%	.26	.24	.212	.121
80-MMK5473K63J01L4	MMK5473K63J01L4	A	63	0.047	2.5	6.5	7.2	±10%	.21	.18	.17	.131
80-MMK5102K63J01L4	MMK5102K63J01L4	A	63	.001	2.5	6.5	7.2	±10%	.26	.24	.211	.165
80-MMK5104K63J01L4	MMK5104K63J01L4	A	63	0.1	2.5	6.5	7.2	±10%	.30	.27	.26	.25
80-MMK5222K63J01L4	MMK5222K63J01L4	A	63	.0022	2.5	6.5	7.2	±10%	.26	.24	.212	.121
80-MMK5224K63J01L4	MMK5224K63J01L4	A	63	0.22	2.5	6.5	7.2	±10%	.28	.26	.238	.162
80-MMK5472K63J01L4	MMK5472K63J01L4	A	63	.0047	2.5	6.5	7.2	±10%	.29	.27		