



EMI Suppression Capacitors Y2, Y1, X2, X1 Series (Cont.)

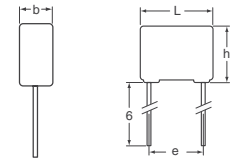


WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
			w	h	L	e		1	10	100	
305	2.2	±20%	14.0	24.5	31.5	27.5	495-1887-ND	1.77	13.44	101.40	B32924C3225M
	2.2	±20%	14.0	25.0	41.5	37.5	495-1892-ND	2.66	20.17	152.20	B32926C3225M
	2.2	±20%	18.0	27.5	31.5	27.5	495-1826-ND	2.53	18.62	133.00	B32924A2225M
	3.3	±20%	12.0	22.0	42.0	37.5	495-3834-ND	4.89	36.02	257.25	B32926E3335M
	3.3	±20%	14.0	24.5	31.5	27.5	495-3824-ND	3.59	26.46	189.00	B32924E3335M
	3.3	±10%	14.5	29.5	26.5	22.5	495-3821-ND	3.77	27.78	198.45	B32923E3335K
	3.3	±10%	15.0	24.0	31.5	27.5	495-3825-ND	3.77	27.78	198.45	B32924F3335K
	3.3	±20%	16.0	28.5	41.5	37.5	495-1893-ND	3.35	25.33	191.20	B32926C3335M
	3.3	±20%	18.0	27.5	31.5	27.5	495-1888-ND	2.46	18.60	140.40	B32924C3335M
	3.3	±20%	18.0	32.5	41.5	37.5	495-1627-ND	3.48	26.37	199.00	B32926A2335M
	4.7	±20%	14.0	25.0	42.0	37.5	495-3835-ND	6.48	47.78	341.25	B32926E3475M
	4.7	±10%	16.0	32.0	31.5	27.5	495-3827-ND	5.24	38.59	275.63	B32924F3475K
4.7	±20%	18.0	27.5	31.5	27.5	495-3826-ND	4.99	36.75	262.50	B32924E3475M	
4.7	±20%	18.0	33.0	31.5	27.5	495-1889-ND	3.41	25.84	195.00	B32924C3475M	
4.7	±20%	18.0	32.5	41.5	37.5	495-1894-ND	4.44	33.60	253.60	B32926C3475M	
4.7	±20%	20.0	39.5	41.5	37.5	495-1828-ND	4.64	35.14	265.20	B32926A2475M	
5.6	±20%	18.0	32.5	41.5	37.5	495-1895-ND	5.46	41.34	312.00	B32926C3565M	
5.6	±10%	18.0	33.0	31.5	27.5	495-3829-ND	6.28	46.31	330.75	B32924F3655M	
5.6	±20%	22.0	36.5	31.5	27.5	495-1890-ND	4.10	31.01	234.00	B32924C3565M	
6.8	±10%	18.0	32.5	42.0	37.5	495-3836-ND	9.95	73.32	523.69	B32926E3685K	
6.8	±20%	20.0	39.5	41.5	37.5	495-1896-ND	6.49	49.10	370.60	B32926C3685M	
6.8	±20%	21.0	31.0	31.5	27.5	495-3830-ND	9.48	69.83	498.75	B32924E3685M	
6.8	±10%	22.0	36.5	31.5	27.5	495-3831-ND	9.95	73.32	523.69	B32924F3685K	
8.2	±20%	22.0	36.5	31.5	27.5	495-3832-ND	10.47	77.18	551.25	B32924E3825M	
8.2	±10%	28.0	42.5	41.5	37.5	495-1897-ND	7.53	56.98	430.00	B32926C3825K	
10	±10%	20.0	39.5	42.0	37.5	495-3837-ND	16.63	122.50	875.00	B32926E3106K	
10	±20%	28.0	42.5	41.5	37.5	495-1891-ND	8.87	67.18	507.00	B32926C106M	
15	±10%	28.0	37.0	42.0	37.5	495-3838-ND	26.60	196.00	1400.00	B32926E3156K	
20	±20%	28.0	42.5	42.0	37.5	495-3839-ND	34.58	254.80	1820.00	B32926E3206K	
20	±10%	30.0	45.0	42.0	37.5	495-3840-ND	38.57	284.20	2030.00	B32926C206M	
25	±10%	30.0	45.0	57.5	52.5	495-3841-ND	49.88	367.50	2625.00	B32928E3256K	
30	±10%	30.0	45.0	57.5	52.5	495-3842-ND	59.85	441.00	3150.00	B32928E3306K	
40	±10%	35.0	50.0	57.5	52.5	495-3843-ND	79.80	588.00	4200.00	B32928E3406K	
45	±20%	35.0	50.0	57.5	52.5	495-3844-ND	85.12	627.20	4480.00	B32928E3456M	

WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
			w	h	L	e		1	10	100	
X1 Series											
330	.010	±20%	4.0	9.0	13.0	10.0	495-3236-ND	.41	3.06	22.95	B32911A3103M
	.022	±20%	5.0	11.0	13.0	10.0	495-3237-ND	.41	3.09	23.18	B32911B3223M
	.033	±20%	6.0	12.0	13.0	10.0	495-3238-ND	.42	3.18	23.85	B32911A3333M
	.022	±20%	5.0	10.5	18.0	15.0	495-3239-ND	.46	3.42	25.65	B32912A3223M
	.033	±20%	5.0	10.5	18.0	15.0	495-3240-ND	.46	3.42	25.65	B32912A3333M
	.047	±20%	5.0	10.5	18.0	15.0	495-3241-ND	.61	4.56	34.18	B32912A3473M
	.068	±20%	6.0	11.0	18.0	15.0	495-3242-ND	.48	3.57	26.78	B32912A3683M
	.10	±20%	7.0	12.5	18.0	15.0	495-3243-ND	.58	4.33	32.49	B32912A3104M
	.15	±20%	7.0	12.5	18.0	15.0	495-3244-ND	.61	4.56	34.20	B32912B3154M
	.15	±20%	8.5	14.5	18.0	15.0	495-3245-ND	.61	4.56	34.20	B32912A3154M
	.22	±20%	8.5	14.5	18.0	15.0	495-3246-ND	.68	5.13	38.48	B32912B3224M
	.22	±20%	9.0	17.5	18.0	15.0	495-3247-ND	.68	5.13	38.48	B32912A3224M
.33	±20%	9.0	17.5	18.0	15.0	495-3248-ND	1.04	7.80	58.50	B32912B3334M	
.15	±20%	6.0	15.0	26.5	22.5	495-3249-ND	.94	7.02	52.65	B32913A3154M	
.22	±20%	7.0	16.0	26.5	22.5	495-3250-ND	1.04	7.80	58.50	B32913A3224M	
.33	±20%	8.5	16.5	26.5	22.5	495-3251-ND	1.23	9.21	69.08	B32913A3334M	
.47	±20%	10.5	16.5	26.5	22.5	495-3252-ND	1.47	11.04	82.80	B32913A3474M	
.47	±20%	11.0	21.0	31.5	27.5	495-3253-ND	1.59	11.94	89.55	B32914A3474M	
.68	±20%	11.0	21.0	31.5	27.5	495-3254-ND	2.16	16.21	121.59	B32914B3684M	
1.0	±20%	13.5	23.0	31.5	27.5	495-3255-ND	1.82	13.68	102.60	B32914A3105M	
1.5	±20%	18.0	27.5	31.5	27.5	495-3256-ND	2.31	17.31	129.83	B32914A3155M	
2.2	±20%	19.0	30.0	31.5	27.5	495-3257-ND	3.16	23.70	177.75	B32914A3225M	
3.3	±20%	18.0	32.5	41.5	37.5	495-3258-ND	6.64	49.80	373.50	B32916A3335M	
4.7	±20%	20.0	39.5	41.5	37.5	495-3259-ND	10.24	76.80	576.00	B32916A3475M	
6.8	±20%	28.0	42.5	41.5	37.5	495-3260-ND	12.68	95.10	713.25	B32916A3685M	
.010	±20%	5.0	10.5	18.0	15.0	495-1656-ND	1.45	10.71	76.50	B81141C1103M	
.022	±20%	7.0	12.5	18.0	15.0	495-1657-ND	1.59	11.73	83.75	B81141C1223M	
.033	±20%	8.5	14.5	18.0	15.0	495-1658-ND	1.73	12.78	91.25	B81141C1333M	
.047	±20%	9.0	17.5	18.0	15.0	495-1659-ND	1.94	14.32	102.25	B81141C1473M	
.068	±20%	8.5	16.5	26.5	22.5	495-1660-ND	2.22	16.38	117.00	B81141C1683M	
1.0	±20%	10.5	16.5	26.5	22.5	495-1661-ND	2.73	20.13	143.75	B81141C1104M	
.15	±20%	11.0	20.5	26.5	22.5	495-1662-ND	2.99	22.05	157.50	B81141C1154M	
.22	±20%	12.5	21.5	31.5	27.5	495-1663-ND	4.29	31.64	226.00	B81141C1224M	
.33	±20%	14.0	24.5	31.5	27.5	495-1664-ND	5.48	40.36	288.25	B81141C1334M	
.47	±20%	18.0	27.5	31.5	27.5	495-1665-ND	5.62	42.53	321.00	B81141C1474M	

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CombiSuppressor — PET Film Capacitor with Integrated Varistor



Features: With the CombiSuppressor series, Epcos has developed an innovative solution for EMI suppression in DC motors in motor vehicles. The CombiSuppressor comprises a film capacitor and a multilayer ceramic varistor connected in parallel in a plastic case. This packaging technology offers mechanical protection for the components and facilitates automatic picking and placement.

Construction: • Dielectric: Metallized polyethylene terephthalate • Stacked-film capacitor technology • Plastic case (UL 94V-0) • Epoxy resin sealing • SIOV metal oxide varistor

Specifications: • Operating Temperature Range: -55°C - 125°C, Meets ISO 7631 • Climatic category (IEC 60068-1): 55/125/56

Cap. (µF)	Cap. Rated Voltage	Clamp Voltage	iMax 8/20µs (A)	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
				b	h	L	e		1	10	100	
0.47	22	44	200	4.5	9.5	7.8	5.0	495-3078-ND	1.03	7.68	56.40	B32529V2474J
1.0	22	44	200	5.0	10.0	7.8	5.0	495-3078-ND	1.10	8.16	59.93	B32529V2105J
0.47	26	54	200	4.5	9.5	7.8	5.0	495-3080-ND	1.12	8.32	61.10	B32529V3474J
0.68	26	54	200	4.5	9.5	7.8	5.0	495-3081-ND	1.12	8.32	61.10	B32529V3684J
1.0	26	54	200	5.0	10.0	7.8	5.0	495-3082-ND	1.16	8.64	63.45	B32529V3105J
0.47	31	65	200	4.5	9.5	7.8	5.0	495-3084-ND	1.20	8.96	65.80	B32529V9474J
0.68	31	65	200	4.5	9.5	7.8	5.0	495-3085-ND	1.20	8.96	65.80	B32529V9684J
1.0	31	65	200	5.0	10.0	7.8	5.0	495-3086-ND	1.20	8.96	65.80	B32529V9105J

Cap. (µF)	Cap. Rated Voltage	Clamp Voltage	iMax 8/20µs (A)	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
				b	h	L	e		1	10	100	
0.68	38	77	200	4.5	9.5	7.8	5.0	495-3089-ND	1.25	9.28	68.15	B32529V5684J
1.0	38	77	200	5.0	10.0	7.8	5.0	495-3090-ND	1.29	9.60	70.50	B32529V105J
0.68	45	90	100	4.5	9.5	7.8	5.0	495-3093-ND	1.33	9.92	72.85	B32529V7684J
1.0	45	90	100	5.0	10.0	7.8	5.0	495-3094-ND	1.35	10.08	74.03	B32529V7105J
0.68	31	65	200	5.0	11.0	13.0	10.0	495-3105-ND	1.23	9.12	66.98	B32521V9684J
1.0	31	65	200	5.0</								



Metallized Polyester Film Capacitors

MKT Series (Cont.)



WV (DC)	WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)			Digi-Key Part No.	Pricing			Epos Part No.	
				b	h	L		1	10	100		
63	40	2.2	±5%	5.0	10.5	18.0	495-1126-ND	1.31	9.84	73.80	B32522C225J	
		2.2	±5%	7.8	13.0	7.8	5.0	495-1127-ND	1.27	9.51	71.33	B32529C225J
		3.3	±5%	6.0	12.0	13.0	10.0	495-1129-ND	1.84	13.80	103.50	B32521C335J
		3.3	±5%	6.0	11.0	18.0	15.0	495-1130-ND	1.67	14.01	105.08	B32522C335J
		4.7	±5%	7.0	12.5	18.0	15.0	495-1131-ND	2.01	15.18	114.60	B32522C475J
		0.001	±5%	2.5	6.5	7.2	5.0	495-1132-ND	-	-	-	B32529C102J
		0.0015	±5%	2.5	6.5	7.2	5.0	495-1133-ND	-	-	-	B32529C1152J
		0.0022	±5%	2.5	6.5	7.2	5.0	495-1134-ND	-	-	-	B32529C1222J
		0.0022	±10%	2.5	6.5	7.2	5.0	495-2486-ND	-	-	-	B32529C1222K
		0.0033	±5%	2.5	6.5	7.2	5.0	495-1135-ND	-	-	-	B32529C1332J
100	63	0.0047	±5%	2.5	6.5	7.2	5.0	495-1136-ND	-	-	-	B32529C1472J
		0.0068	±5%	2.5	6.5	7.2	5.0	495-1137-ND	-	-	-	B32529C1682J
		0.01	±5%	2.5	6.5	7.2	5.0	495-1138-ND	-	-	-	B32529C1103J
		0.01	±10%	2.5	6.5	7.2	5.0	495-2477-ND	-	-	-	B32529C1103K
		0.015	±5%	2.5	6.5	7.2	5.0	495-1139-ND	-	-	-	B32529C1153J
		0.022	±5%	2.5	6.5	7.2	5.0	495-1140-ND	-	-	-	B32529C1223J
		0.022	±10%	2.5	6.5	7.2	5.0	495-2489-ND	-	-	-	B32529C1223K
		0.033	±5%	2.5	6.5	7.2	5.0	495-1141-ND	-	-	-	B32529C1333J
		0.033	±10%	2.5	6.5	7.2	5.0	495-2495-ND	-	-	-	B32529C1333K
		0.047	±5%	2.5	7.0	10.0	7.5	495-1144-ND	-	-	-	B32529C1473J
100	63	0.047	±5%	2.5	6.5	7.2	5.0	495-1143-ND	-	-	-	B32529C1473J
		0.047	±10%	2.5	6.5	7.2	5.0	495-2500-ND	-	-	-	B32529C1473K
		0.068	±5%	2.5	6.5	7.2	5.0	495-1146-ND	-	-	-	B32529C1683J
		0.10	±5%	2.5	7.0	10.0	7.5	495-1148-ND	-	-	-	B32529C1104J
		0.10	±10%	2.5	7.0	10.0	7.5	495-2423-ND	-	-	-	B32529C1104K
		0.10	±5%	4.0	7.0	13.0	10.0	495-1149-ND	-	-	-	B32521C1104J
		0.10	±5%	2.5	6.5	7.2	5.0	495-1147-ND	-	-	-	B32529C1104J
		0.10	±10%	2.5	6.5	7.2	5.0	495-2481-ND	-	-	-	B32529C1104K
		0.15	±5%	3.0	8.0	17.0	15.0	495-1150-ND	-	-	-	B32529C1154J
		0.15	±10%	3.0	8.0	17.0	15.0	495-1151-ND	-	-	-	B32529C1154J
100	63	0.22	±5%	3.0	8.0	10.0	7.5	495-1153-ND	-	-	-	B32529C1224J
		0.22	±10%	3.0	8.0	10.0	7.5	495-2425-ND	-	-	-	B32529C1224K
		0.22	±5%	4.0	7.0	13.0	10.0	495-1154-ND	-	-	-	B32521C1224J
		0.22	±10%	4.0	7.0	13.0	10.0	495-2436-ND	-	-	-	B32521C1224K
		0.22	±5%	3.5	8.0	7.2	5.0	495-1155-ND	-	-	-	B32529C1224J
		0.22	±10%	3.5	8.0	7.2	5.0	495-2492-ND	-	-	-	B32529C1224K
		0.33	±5%	4.0	7.0	13.0	10.0	495-1156-ND	-	-	-	B32529C1334J
		0.33	±5%	4.0	7.0	13.0	10.0	495-1159-ND	-	-	-	B32521C1334J
		0.33	±5%	5.0	10.5	18.0	15.0	495-1157-ND	-	-	-	B32522C1334J
		0.33	±5%	3.5	8.0	7.2	5.0	495-1158-ND	-	-	-	B32529C1334J
100	63	0.47	±5%	5.0	10.5	18.0	15.0	495-1162-ND	-	-	-	B32529C1474J
		0.47	±5%	4.0	9.0	13.0	10.0	495-1163-ND	-	-	-	B32521C1474J
		0.47	±5%	5.0	10.5	18.0	15.0	495-1161-ND	-	-	-	B32522C1474J
		0.47	±5%	4.5	9.5	7.3	5.0	495-1160-ND	-	-	-	B32529C1474J
		0.47	±10%	4.5	9.5	7.3	5.0	495-2503-ND	-	-	-	B32529C1474K
		0.68	±5%	6.0	12.0	10.3	7.5	495-1165-ND	-	-	-	B32529C1684J
		0.68	±5%	5.0	11.0	13.0	10.0	495-1164-ND	-	-	-	B32521C1684J
		0.68	±5%	5.0	10.5	18.0	15.0	495-1166-ND	-	-	-	B32522C1684J
		0.68	±10%	6.0	10.5	7.5	5.0	495-2515-ND	-	-	-	B32529C1684K
		1.0	±5%	6.0	12.0	13.0	10.0	495-1167-ND	-	-	-	B32521C1105J
100	63	1.0	±5%	5.0	10.5	18.0	15.0	495-1168-ND	-	-	-	B32522C1105J
		1.0	±10%	5.0	10.5	18.0	15.0	495-2448-ND	-	-	-	B32522C1105K
		1.5	±5%	7.8	13.0	7.8	5.0	495-1169-ND	-	-	-	B32529C1105J
		1.5	±5%	6.0	11.0	18.0	15.0	495-1171-ND	-	-	-	B32522C1155J
		2.2	±5%	7.0	12.5	18.0	15.0	495-1172-ND	-	-	-	B32522C1225J
		3.3	±5%	8.5	14.5	18.0	15.0	495-1173-ND	-	-	-	B32522C1335J
		0.001	±5%	2.5	6.5	7.2	5.0	495-1174-ND	-	-	-	B32529C102J
		0.0022	±5%	2.5	6.5	7.2	5.0	495-1176-ND	-	-	-	B32529C3222J
		0.0022	±10%	2.5	6.5	7.2	5.0	495-2537-ND	-	-	-	B32529C3222K
		0.0033	±5%	2.5	6.5	7.2	5.0	495-1177-ND	-	-	-	B32529C3332J
0.0047	±5%	2.5	6.5	7.2	5.0	495-1178-ND	-	-	-	B32529C3472J		
100	63	0.0068	±5%	2.5	6.5	7.2	5.0	495-1179-ND	-	-	-	B32529C3682J
		0.01	±5%	2.5	6.5	7.2	5.0	495-1180-ND	-	-	-	B32529C3103J
		0.01	±10%	2.5	6.5	7.2	5.0	495-2527-ND	-	-	-	B32529C3103K
		0.015	±5%	2.5	7.0	10.0	7.5	495-1181-ND	-	-	-	B32529C1153J
		0.015	±5%	2.5	6.5	7.2	5.0	495-1182-ND	-	-	-	B32529C1153J
		0.022	±5%	2.5	7.0	10.0	7.5	495-1184-ND	-	-	-	B32529C3223J
		0.022	±10%	2.5	7.0	10.0	7.5	495-2428-ND	-	-	-	B32529C3223K
		0.022	±5%	2.5	6.5	7.2	5.0	495-1183-ND	-	-	-	B32529C3223J
		0.022	±10%	2.5	6.5	7.2	5.0	495-2539-ND	-	-	-	B32529C3223K
		0.033	±5%	2.5	7.0	10.0	7.5	495-1186-ND	-	-	-	B32529C3333J
100	63	0.033	±5%	3.0	6.5	7.2	5.0	495-1187-ND	-	-	-	B32529C3333J
		0.033	±10%	3.0	6.5	7.2	5.0	495-2543-ND	-	-	-	B32529C3333K
		0.047	±5%	2.5	7.0	10.0	7.5	495-1188-ND	-	-	-	B32529C3473J
		0.047	±5%	4.0	7.0	13.0	10.0	495-1189-ND	-	-	-	B32521C3473J
		0.047	±5%	3.5	8.0	7.2	5.0	495-1190-ND	-	-	-	B32529C3473J
		0.047	±10%	3.5	8.0	7.2	5.0	495-1192-ND	-	-	-	B32529C3473K
		0.068	±5%	4.0	7.0	13.0	10.0	495-1193-ND	-	-	-	B32521C3683J
		0.068	±5%	4.5	9.5	7.3	5.0	495-1192-ND	-	-	-	B32529C3683J
		0.10	±5%	4.0	8.5	10.0	7.5	495-1197-ND	-	-	-	B32529C104J
		0.10	±10%	4.0	8.5	10.0	7.5	495-2426-ND	-	-	-	B32529C104K
100	63	0.10	±5%	4.0	7.0	13.0	10.0	495-1194-ND	-	-	-	B32521C104J
		0.10	±10%	4.0	7.0	13.0	10.0	495-2437-ND	-	-	-	B32521C104K
		0.10	±5%	5.0	10.5	18.0	15.0	495-1195-ND	-	-	-	B32522C104J
		0.10	±5%	4.5	9.5	7.3	5.0	495-1196-ND	-	-	-	B32529C104J
		0.10	±10%	4.5	9.5	7.3	5.0	495-2532-ND	-	-	-	B32529C104K
		0.15	±5%	4.0	9.0	13.0	10.0	495-1201-ND	-	-	-	B32521C154J
		0.15	±5%	5.0	10.5	18.0	15.0	495-1198-ND	-	-	-	B32522C154J
		0.15	±5%	5.0	10.0	7.5	5.0	495-1200-ND	-	-	-	B32529C3154J
		0.15	±10%	5.0	10.0	7.5	5.0	495-2535-ND	-	-	-	B32529C3154K
		0.22	±5%	5.0	11.0	13.0	10.0	495-1203-ND	-	-	-	B32529C3224J
100	63	0.22	±10%	5.0	11.0	13.0	10.0	495-2439-ND	-	-	-	B32529C3224K
		0.22	±5%	5.0	10.5	18.0	15.0	495-1202-ND	-	-	-	B32522C3224J
		0.22	±5%	7.8	13.0	7.8	5.0	495-1204-ND	-	-	-	B32529C3224J
		0.33	±5%	5.0	11.0	13.0	10.0	495-1206-ND	-	-	-	B32521C3334J
		0.33	±5%	5.0	10.5	18.0	15.0	495-1205-ND	-	-	-	B32522C3334J
		0.47	±5%	6.0	12.0	13.0	10.0	495-1208-ND	-	-	-	B32521C3474J
		0.47	±10%	6.0	12.0	13.0	10.0	495-2440-ND	-	-	-	B32521C3474K
		0.47	±5%	6.0	11.0	18.0	15.0	495-1207-ND	-	-	-	B32522C3474J
		0.68	±5%	7.0	12.5	18.0	15.0	495-1209-ND	-	-	-	B32522C3684J
		1.0	±5%	8.5	14.5	18.0	15.0	495-1210-ND	-	-	-	B32522C4774J
100	63	1.0	±10%	8.5	14.5	18.0	15.0	495-2450-ND	-	-	-	B32522C3105K
		1.0	±5%	8.5	14.5	18.0	15.0	495-1211-ND	-	-	-	B32522C3105J



Metallized Polyester Film Capacitors

MKT Series (Cont.)



WV (DC)	WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)					Digi-Key Part No.	Ammo Pack		Epcos Part No.
				b	h	L	e	Qty.		Pricing		
100	63	0.0047	±5%	2.5	6.5	7.2	5.0	495-2498-3-ND	3,200	44.00/M	B32529C1472J289	
		0.01	±5%	2.5	6.5	7.2	5.0	495-2475-2-ND†	2,800	44.00/M	B32529C1103J189	
		0.01	±5%	2.5	6.5	7.2	5.0	495-2475-3-ND	3,200	44.00/M	B32529C1103J289	
		0.01	±10%	2.5	6.5	7.2	5.0	495-2477-3-ND	3,200	42.00/M	B32529C1103K289	
		0.022	±5%	2.5	6.5	7.2	5.0	495-2488-3-ND	3,200	44.00/M	B32529C1223J289	
		0.033	±5%	2.5	6.5	7.2	5.0	495-2489-3-ND	3,200	42.00/M	B32529C1223K289	
		0.033	±10%	2.5	6.5	7.2	5.0	495-2494-3-ND	3,200	44.00/M	B32529C1333J289	
		0.033	±10%	2.5	6.5	7.2	5.0	495-2495-2-ND†	3,200	42.00/M	B32529C1333K189	
		0.033	±10%	2.5	6.5	7.2	5.0	495-2495-3-ND	3,200	42.00/M	B32529C1333K289	
		0.047	±5%	2.5	6.5	7.2	5.0	495-2499-3-ND	3,200	44.00/M	B32529C1473J289	
		0.047	±10%	2.5	6.5	7.2	5.0	495-2500-3-ND	3,200	42.00/M	B32529C1473K289	
		0.068	±5%	2.5	6.5	7.2	5.0	495-2514-3-ND	3,200	44.00/M	B32529C1683J289	
		0.10	±5%	2.5	7.0	10.0	7.5	495-2422-2-ND†	2,800	91.00/M	B32520C1104J189	
		0.10	±10%	2.5	7.0	10.0	7.5	495-2423-2-ND†	2,800	86.00/M	B32520C1104K189	
		0.10	±5%	2.5	6.5	7.2	5.0	495-2479-2-ND†	2,800	44.00/M	B32529C1104J189	
		0.10	±5%	2.5	6.5	7.2	5.0	495-2479-3-ND	3,200	44.00/M	B32529C1104J289	
		0.10	±10%	2.5	6.5	7.2	5.0	495-2481-2-ND†	2,800	42.00/M	B32529C1104K189	
		0.10	±10%	2.5	6.5	7.2	5.0	495-2481-3-ND	3,200	42.00/M	B32529C1104K289	
		0.22	±10%	3.5	8.0	7.2	5.0	495-2491-3-ND	2,300	78.00/M	B32529C1224J289	
		250	160	0.22	±10%	3.5	8.0	7.2	5.0	495-2492-3-ND	2,300	75.00/M
0.47	±5%			4.5	9.5	7.3	5.0	495-2502-3-ND	1,800	116.00/M	B32529C1474J289	
0.47	±10%			4.5	9.5	7.3	5.0	495-2503-2-ND†	1,500	111.00/M	B32529C1474K189	
0.47	±10%			4.5	9.5	7.3	5.0	495-2503-3-ND	1,800	111.00/M	B32529C1474K289	
0.68	±10%			6.0	10.5	7.5	5.0	495-2515-2-ND†	1,100	174.00/M	B32529C1684K189	
0.0022	±10%			2.5	6.5	7.2	5.0	495-2537-3-ND	3,200	44.00/M	B32529C3222K289	
0.01	±10%			2.5	6.5	7.2	5.0	495-2527-2-ND†	2,800	44.00/M	B32529C3103K189	
0.01	±10%			2.5	6.5	7.2	5.0	495-2527-3-ND	3,200	44.00/M	B32529C3103K289	
0.022	±10%			2.5	7.0	10.0	7.5	495-2428-3-ND	3,200	75.00/M	B32520C3223K289	
0.022	±10%			2.5	6.5	7.2	5.0	495-2539-2-ND†	2,800	44.00/M	B32529C3223K189	
0.022	±10%			2.5	6.5	7.2	5.0	495-2539-3-ND	3,200	44.00/M	B32529C3223K289	
0.033	±10%			3.0	6.5	7.2	5.0	495-2542-3-ND	2,700	64.00/M	B32529C3333J289	
0.033	±10%			3.0	6.5	7.2	5.0	495-2543-3-ND	2,700	60.00/M	B32529C3333K289	
0.047	±5%			3.5	8.0	7.2	5.0	495-2551-3-ND	2,300	65.00/M	B32529C3473J289	
0.047	±10%			3.5	8.0	7.2	5.0	495-2552-2-ND†	2,000	65.00/M	B32529C3473K189	
0.047	±10%			3.5	8.0	7.2	5.0	495-2552-3-ND	2,300	62.00/M	B32529C3473K289	
0.10	±5%			4.0	7.0	13.0	10.0	495-1194-3-ND	1,000	103.00	B32521C3104J289	
0.10	±10%			4.0	8.5	10.0	7.5	495-2426-3-ND	2,000	93.00/M	B32520C3104K289	
0.10	±10%			4.5	9.5	7.3	5.0	495-2530-2-ND†	1,500	82.00/M	B32529C3104J189	
0.10	±5%			4.5	9.5	7.3	5.0	495-2530-3-ND	1,800	82.00/M	B32529C3104J289	
0.10	±10%	4.5	9.5	7.3	5.0	495-2532-3-ND	1,800	78.00/M	B32529C3104K289			
0.15	±5%	5.0	10.0	7.5	5.0	495-2534-3-ND	1,600	108.00/M	B32529C3154J289			
0.15	±10%	5.0	10.0	7.5	5.0	495-2535-3-ND	1,600	103.00/M	B32529C3154K289			
0.47	±10%	6.0	12.0	13.0	10.0	495-2440-2-ND†	1,100	235.00/M	B32521C3474K189			
1.0	±5%	8.5	14.5	18.0	15.0	495-2449-2-ND†	700	242.90	B32522C3105J189			
0.001	±10%	2.5	6.5	7.2	5.0	495-2564-3-ND	3,200	47.00/M	B32529C6102K289			
0.0022	±10%	2.5	6.5	7.2	5.0	495-2573-3-ND	3,200	47.00/M	B32529C6222J289			
0.0033	±10%	2.5	6.5	7.2	5.0	495-2575-3-ND	3,200	47.00/M	B32529C6322K289			
0.0047	±10%	2.5	7.0	10.0	7.5	495-2432-2-ND†	2,800	75.00/M	B32520C6472K189			
0.0047	±10%	2.5	7.0	10.0	7.5	495-2432-3-ND	3,200	75.00/M	B32520C6472K289			
0.0047	±5%	2.5	6.5	7.2	5.0	495-2577-3-ND	3,200	49.00/M	B32529C6472J289			
0.0047	±10%	2.5	6.5	7.2	5.0	495-2578-3-ND	3,200	47.00/M	B32529C6472K289			
0.01	±10%	2.5	7.0	10.0	7.5	495-2430-3-ND	3,200	75.00/M	B32520C6103K289			
0.01	±10%	4.0	7.0	13.0	10.0	495-2442-3-ND	1,000	96.00	B32521C6103K289			
0.01	±5%	3.0	6.5	7.2	5.0	495-2566-3-ND	2,700	67.00/M	B32529C6103J289			
0.01	±10%	3.0	6.5	7.2	5.0	495-2567-3-ND	2,700	64.00/M	B32529C6103K289			
0.012	±5%	3.5	8.0	7.2	5.0	495-2569-3-ND	2,300	67.00/M	B32529C6123J289			
0.015	±5%	3.5	8.0	7.2	5.0	495-2571-3-ND	2,300	68.00/M	B32529C6153J289			
0.047	±10%	3.0	11.0	13.0	10.0	495-2446-3-ND	830	112.00	B32521C6173K289			
0.10	±5%	6.0	12.0	13.0	10.0	495-2444-3-ND	680	135.60	B32521C6104K289			
0.0022	±10%	2.5	6.5	7.2	5.0	495-2583-3-ND	3,200	80.00/M	B32529C8222K289			
0.0033	±10%	3.5	8.0	7.2	5.0	495-2587-3-ND	2,300	86.00/M	B32529C8322K289			

† Tape and Reel

MKT Wound Series

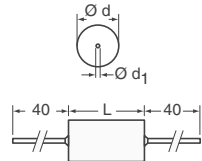
Construction:

- Dielectric: polyethylene terephthalate (polyester, PET) • Cylindrical winding
- Insulating sleeve • Face ends sealed with epoxy resin

- Smoothing • Filtering

Specifications:

- Operating Temperature Range: -40°C - 100°C • DC Test Voltage: 1.4 V_R for 2 seconds • Tolerance: ±10%

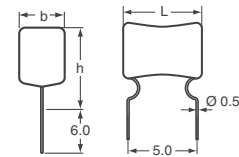


WV (DC)	WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)			Digi-Key Part No.	Pricing		Epcos Part No.	
				Ød	Ød1	L		1	100		
100	63	0.10	±10%	6.0	0.6	14.0	495-3516-ND	.86	6.37	45.50	B32232A1104K
		0.15	±10%	6.0	0.6	14.0	495-3518-ND	.85	6.25	44.63	B32232A1154K
		0.22	±10%	6.0	0.6	14.0	495-3520-ND	.91	6.70	47.83	B32232A1224K
		0.33	±10%	6.0	0.6	19.0	495-3522-ND	.80	4.45	31.75	B32232A1334K
		0.47	±5%	6.5	0.6	19.0	495-3524-ND	1.11	8.17	58.33	B32232A1474K
		0.68	±5%	7.0	0.6	19.0	495-3526-ND	.72	5.29	37.75	B32232A1684K
		1.0	±5%	8.0	0.8	19.0	495-3517-ND	1.12	8.40	63.00	B32232A1105K
		1.5	±5%	8.0	0.8	27.0	495-3519-ND	1.40	10.50	78.75	B32232A1155K
		2.2	±5%	9.5	0.8	27.0	495-3521-ND	1.87	14.00	105.01	B32232A1225K
		3.3	±11.5%	11.5	0.8	27.0	495-3523-ND	2.45	18.55	140.00	B32232A1335K
		4.7	±12.0%	12.0	0.8	32.0	495-3525-ND	2.86	21.64	163.34	B32232A1475K
		6.8	±14.0%	14.0	0.8	32.0	495-3527-ND	4.08	30.92	233.34	B32232A1685K
250	160	0.10	±10%	6.0	0.6	14.0	495-3528-ND	.94	6.94	49.58	B32232A3104K
		0.22	±10%	6.0	0.6	19.0	495-3530-ND	.95	7.14	53.55	B32232A3224K
		0.33	±10%	6.0	0.8	19.0	495-3532-ND	.66	4.83	34.50	B32232A3334K
		0.47	±5%	7.5	0.8	19.0	495-3534-ND	1.02	7.68	57.60	B32232A3474K
		0.68	±8.0%	8.0	0.8	27.0	495-3536-ND	.78	5.74	41.00	B32232A3684K
		1.0	±10%	10.0	0.8	27.0	495-3539-ND	1.40	10.50	78.75	B32232A3105K
		2.2	±10%	10.5	0.8	32.0	495-3531-ND	2.33	17.50	131.24	B32232A3235K
		3.3	±14.0%	12.0	0.8	32.0	495-3533-ND	2.86	21.64	163.34	B32232A3335K
		4.7	±16.5%	13.5	0.8	32.0	495-3535-ND	1.89	14.31	108.00	B32232A3475K
		6.8	±16.0%	16.0	0.8	42.0	495-3537-ND	2.84	21.47	162.00	B32232A3685K
		0.10	±7.0%	0.6	19.0	495-3538-ND	1.00	7.35	52.50	B32232A6104K	
		0.22	±8.0%	0.8	27.0	495-3539-ND	1.11	8.17	58.33	B32232A6224K	
0.47	±11.0%	1.0	32.0	495-3540-ND	1.17	8.75	65.63	B32232A6474K			
0.68	±11.5%	1.5	32.0	495-3541-ND	.93	6.86	49.00	B32232A6684K			
630	200	0.033	±5%	6.5	0.6	19.0	495-3546-ND	.62	4.59	32.75	B32232A8333K
		0.047	±5%	7.5	0.8	19.0	495-3547-ND	.66	4.87	34.75	B32232A8473K

WV (DC)	WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
				Ød	Ød1	L	1		100	1000		
630	200	0.10	±10%	10.5	0.8	19.0	495-3542-ND	.66	4.87	34.75	B32232A8104K	
		0.15	±10%	10.0	0.8	27.0	495-3544-ND					



Metallized Polyester Film Capacitors — Mini-Blue Series MKT — In Heat-Shrinkable Tube



The EPCOS Mini-Blue Capacitor series can be used in a multitude of general purpose applications such as DSL, Energy Saving Lamps, Compact Fluorescent Lamps, Consumer Electronics and Alarm Systems (including motion sensors and break in/smoke/fire alarms). An advantage of the EPCOS Mini-Blue Capacitors is the small size where board space is limited, taking up considerably less board space than a boxed capacitor with the same voltage/capacitance ratings. The Mini-Blue's unique stacked construction give it the ability to withstand high pulse strength (High DV/DT).

Construction: • Dielectric: Polyethylene terephthalate (polyester) • Stacked-film technology • 5mm lead spacing • Heat shrinkable tube: polyester (100µm, 125°C) **Terminals:** • Parallel wire leads - tinned **Features:** • Very small dimensions • Self-healing properties • High pulse strength **Specifications:** • Operating temperature range: -55°C - 125°C • Climatic category: 55/125/56

Bulk

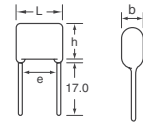
WV (DC)	WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)			Digi-Key Part No.	Pricing		Epcos Part No.	
				b	h	L		10	100		
63	40	.22	±10%	3.0	10.0	7.0	495-2814-ND	11	86	7.34	B32559C224K000
		.33	±10%	3.0	10.0	7.0	495-2816-ND	15	110	9.37	B32559C334K000
		.47	±10%	3.5	10.5	7.0	495-2818-ND	17	126	10.67	B32559C474K000
		.68	±10%	3.5	12.0	7.0	495-2820-ND	23	176	14.94	B32559C684K000
		1.0	±10%	4.0	14.0	7.0	495-2822-ND	27	202	17.11	B32559C105K000
		.033	±10%	3.0	10.0	7.0	495-2824-ND	11	83	7.08	B32559C133K000
		.047	±10%	3.0	10.5	7.0	495-2826-ND	11	86	7.27	B32559C1473K000
		.056	±10%	3.0	10.5	7.0	495-2828-ND	12	91	7.72	B32559C1563K000
		.068	±10%	3.0	10.5	7.0	495-2830-ND	11	83	7.09	B32559C1683K000
		.1	±10%	3.0	10.5	7.0	495-2832-ND	10	75	6.35	B32559C1104K000
100	63	.12	±10%	3.0	10.5	7.0	495-2834-ND	10	78	6.63	B32559C124K000
		.15	±10%	3.0	10.5	7.0	495-2836-ND	11	83	7.07	B32559C1154K000
		.22	±10%	3.0	10.5	7.0	495-2838-ND	14	104	8.81	B32559C1224K000
		.33	±10%	3.0	12.5	7.0	495-2840-ND	15	116	9.87	B32559C1334K000
		.47	±10%	3.5	13.0	7.0	495-2842-ND	18	133	11.26	B32559C1474K000
		.022	±10%	3.0	10.5	7.0	495-2844-ND	11	83	7.07	B32559C3223K000
		.027	±10%	3.0	10.5	7.0	495-2846-ND	13	99	8.37	B32559C3273K000
		.033	±10%	3.0	10.5	7.0	495-2848-ND	15	113	9.60	B32559C3333K000
		.047	±10%	3.0	10.5	7.0	495-2850-ND	15	113	9.60	B32559C3473K000
		.056	±10%	3.0	10.5	7.0	495-2852-ND	15	113	9.60	B32559C3563K000
250	160	.068	±10%	3.5	11.5	7.0	495-2854-ND	15	114	9.72	B32559C3683K000
		.082	±10%	3.5	12.5	7.0	495-2856-ND	15	116	9.84	B32559C3823K000
		.10	±10%	3.5	13.0	7.0	495-2858-ND	16	119	10.09	B32559C3104K000
		.12	±10%	5.0	13.0	7.0	495-2860-ND	16	122	10.34	B32559C3124K000
		.15	±10%	5.0	14.0	7.0	495-2862-ND	16	125	10.58	B32559C3154K000
		.068	±10%	3.0	11.0	7.0	495-2864-ND	10	72	6.11	B32559C6682K000
		.082	±10%	3.0	11.0	7.0	495-2866-ND	10	74	6.24	B32559C6822K000
		.1	±10%	3.0	11.5	7.0	495-2868-ND	10	75	6.40	B32559C6103K000
		.012	±10%	3.5	11.5	7.0	495-2870-ND	10	78	6.37	B32559C6123K000
		.015	±10%	3.5	11.5	7.0	495-2872-ND	12	89	7.54	B32559C6153K000
400	200	.022	±10%	3.5	11.5	7.0	495-2874-ND	13	98	8.33	B32559C6223K000
		.027	±10%	3.5	11.5	7.0	495-2876-ND	14	106	9.02	B32559C6273K000
		.033	±10%	3.5	11.5	7.0	495-2878-ND	13	98	8.33	B32559C6333K000
		.047	±10%	3.5	13.5	7.0	495-2880-ND	13	102	8.64	B32559C6473K000
		.056	±10%	4.0	13.5	7.0	495-2882-ND	14	106	9.88	B32559C6563K000
		.068	±10%	4.5	13.5	7.0	495-2884-ND	14	108	9.14	B32559C6683K000
		.10	±10%	5.5	16.0	7.0	495-2886-ND	17	130	11.03	B32559C6104K000
		.12	±10%	5.5	16.5	7.0	495-2888-ND	20	155	13.13	B32559C6124K000
		.001	±10%	3.0	12.0	7.0	495-2890-ND	11	84	7.16	B32559C8102K000
		.0015	±10%	3.0	12.0	7.0	495-2892-ND	11	86	7.28	B32559C8152K000
630	400	.0022	±10%	3.0	12.5	7.0	495-2894-ND	13	95	8.06	B32559C8223K000
		.0027	±10%	3.0	12.5	7.0	495-2896-ND	14	104	8.79	B32559C8272K000
		.0033	±10%	3.5	12.5	7.0	495-2898-ND	14	109	9.29	B32559C8332K000
		.0047	±10%	3.5	12.5	7.0	495-2900-ND	15	116	9.86	B32559C8472K000
		.0068	±10%	3.5	14.5	7.0	495-2902-ND	16	121	10.25	B32559C8682K000
		.0082	±10%	3.5	14.5	7.0	495-2904-ND	17	126	10.67	B32559C8822K000
		.01	±10%	4.0	14.5	7.0	495-2906-ND	18	135	11.50	B32559C8103K000

Tape and Box

WV (DC)	WV (AC)	Cap. (µF)	Tolerance	Dimensions (mm)			Digi-Key Part No.	Pricing		Epcos Part No.
				b	h	L		Qty.		
63	40	.22	±10%	3.0	10.0	7.0	495-2815-3-ND	4,000	53.00/M	B32559C224K289
		.33	±10%	3.0	10.0	7.0	495-2817-3-ND	2,700	68.00/M	B32559C334K289
		.47	±10%	3.5	10.5	7.0	495-2819-3-ND	3,000	77.00/M	B32559C474K289
		.68	±10%	3.5	12.0	7.0	495-2821-3-ND	2,300	108.00/M	B32559C684K289
		1.0	±10%	4.0	14.0	7.0	495-2823-3-ND	2,300	124.00/M	B32559C105K289
		.033	±10%	3.0	10.0	7.0	495-2825-3-ND	3,000	51.00/M	B32559C133K289
		.047	±10%	3.0	10.5	7.0	495-2827-3-ND	3,200	53.00/M	B32559C1473K289
		.056	±10%	3.0	10.5	7.0	495-2829-3-ND	3,000	56.00/M	B32559C1563K289
		.068	±10%	3.0	10.5	7.0	495-2831-3-ND	3,500	51.00/M	B32559C1683K289
		.1	±10%	3.0	10.5	7.0	495-2833-3-ND	4,500	46.00/M	B32559C1104K289
100	63	.12	±10%	3.0	10.5	7.0	495-2835-3-ND	3,200	48.00/M	B32559C124K289
		.15	±10%	3.0	10.5	7.0	495-2837-3-ND	3,200	51.00/M	B32559C1154K289
		.22	±10%	3.0	10.5	7.0	495-2839-3-ND	2,900	64.00/M	B32559C1224K289
		.33	±10%	3.0	12.5	7.0	495-2841-3-ND	2,900	72.00/M	B32559C1334K289
		.47	±10%	3.5	13.0	7.0	495-2843-3-ND	2,500	82.00/M	B32559C1474K289
		.022	±10%	3.0	10.5	7.0	495-2845-3-ND	3,200	51.00/M	B32559C3223K289
		.027	±10%	3.0	10.5	7.0	495-2847-3-ND	3,200	61.00/M	B32559C3273K289
		.033	±10%	3.0	10.5	7.0	495-2849-3-ND	3,200	70.00/M	B32559C3333K289
		.047	±10%	3.0	10.5	7.0	495-2851-3-ND	2,200	70.00/M	B32559C3473K289
		.056	±10%	3.0	10.5	7.0	495-2853-3-ND	2,700	70.00/M	B32559C3563K289
250	160	.068	±10%	3.5	11.5	7.0	495-2855-3-ND	2,700	70.00/M	B32559C3683K289
		.082	±10%	3.5	12.5	7.0	495-2857-3-ND	2,300	71.00/M	B32559C3823K289
		.10	±10%	3.5	13.0	7.0	495-2859-3-ND	3,000	73.00/M	B32559C3104K289
		.12	±10%	5.0	13.0	7.0	495-2861-3-ND	1,800	75.00/M	B32559C3124K289
		.15	±10%	5.0	14.0	7.0	495-2863-3-ND	1,800	77.00/M	B32559C3154K289
		.068	±10%	3.0	11.0	7.0	495-2865-3-ND	3,200	44.00/M	B32559C6682K289
		.082	±10%	3.0	11.0	7.0	495-2867-3-ND	3,200	45.00/M	B32559C6822K289
		.1	±10%	3.0	11.5	7.0	495-2869-3-ND	3,200	46.00/M	B32559C6103K289
		.012	±10%	3.5	11.5	7.0	495-2871-3-ND	3,000	48.00/M	B32559C6123K289
		.015	±10%	3.5	11.5	7.0	495-2873-3-ND	3,000	55.00/M	B32559C6153K289
400	200	.022	±10%	3.5	11.5	7.0	495-2875-3-ND	3,200	60.00/M	B32559C6223K289
		.027	±10%	3.5	11.5	7.0	495-2877-3-ND	2,700	65.00/M	B32559C6273K289
		.033	±10%	3.5	11.5	7.0	495-2879-3-ND	2,300	60.00/M	B32559C6333K289
		.047	±10%	3.5	13.5	7.0	495-2881-3-ND	2,300	63.00/M	B32559C6473K289
		.056	±10%	4.0	13.5	7.0	495-2883-3-ND	2,000	65.00/M	B32559C6563K289
		.068	±10%	4.5	13.5	7.0	495-2885-3-ND	1,800	66.00/M	B32559C6683K289
		.10	±10%	5.5	16.0	7.0	495-2887-3-ND	1,500	80.00/M	B32559C6104K289
		.12	±10%	5.5	16.5	7.0	495-2889-3-ND	1,500	95.00/M	B32559C6124K289
		.001	±10%	3.0	12.0	7.0	495-2891-3-ND	3,500	52.00/M	B32559C8102K289
		.0015	±10%	3.0	12.0	7.0	495-2893-3-ND	3,200	53.00/M	B32559C8152K289
630	400	.0022	±10%	3.0	12.5	7.0	495-2895-3-ND	4,000	58.00/M	B32559C8223K289
		.0027	±10%	3.0	12.5	7.0	495-2897-3-ND	3,200	64.00/M	B32559C8272K289
		.0033	±10%	3.5	12.5	7.0	495-2899-3-ND	2,500	67.00/M	B32559C8332K289
		.0047	±10%	3.5	12.5	7.0	495-2901-3-ND	3,000	71.00/M	B32559C8472K289
		.0068	±10%	3.5	14.5	7.0	495-2903-3-ND	3,000	74.00/M	B32559C8682K289
		.0082	±10%	3.5	14.5	7.0	495-2905-3-ND	2,300	77.00/M	B32559C8822K289
		.01	±10%	4.0	14.5	7.0	495-2907-3-ND	2,050	83.00/M	B32559C8103K289



Metallized Polyester Film Capacitors MKT — Epoxy Resin Coating



Construction: • Dielectric: Polyethylene terephthalate (polyester, PET) • Epoxy resin coating (UL 94 V-0) **Terminals:** • Straight wire leads, lead free tinned, lead length 17mm **Features:** • High pulse strength • High contact reliability **Specifications:** • Maximum Operating Temperature: 125°C • Climatic category (IEC 60068-1): 55/100/56