



Metallized Polypropylene Film Capacitors

MKP Series

Construction: • Dielectric: polypropylene • Stacked and wound technology • Plastic case (UL 94 V-0) • Epoxy resin sealing

Features: • Very high pulse strength • Very good self-healing properties • Small dimensions • High contact reliability

Typical Applications: • Energy-saving lamps • TV S-correction • High pulse load applications • AC applications

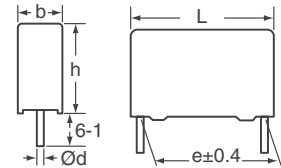
Terminals: • Parallel wire leads, tinned

Technical Data: • Lower category temperature T_{min} : -55°C • Upper category temperature T_{max} : 100°C

Service Life: 200,000 h

Dimensions (mm)			
Lead spacing (e)		ød	
7.5		0.5	
10.0		0.5*, 0.6	
15.0		0.8	

* 0.5 for capacitor width b = 4



WV (DC)	WV (AC)	Cap (µF)	Tolerance	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
				b	h	L	e		1	10	100	
160	90	0.033	±5%	4.0	8.5	10.0	7.5	495-1271-ND	.36	2.64	18.83	B32620A5333J
		0.047	±5%	4.0	7.0	13.0	10.0	495-1272-ND	.43	3.14	22.40	B32621A5473J
		0.068	±5%	5.0	10.5	10.0	7.5	495-1274-ND	.45	3.29	23.53	B32620A5683J
		0.068	±5%	4.0	9.0	13.0	10.0	495-1273-ND	.45	3.29	23.53	B32621A5683J
		0.10	±5%	5.0	10.5	10.0	7.5	495-1275-ND	.47	3.43	24.50	B32620A5104J
		0.10	±5%	5.0	11.0	13.0	10.0	495-1375-ND	.54	3.96	28.25	B32621A5104J
		0.15	±5%	6.0	12.0	10.3	7.5	495-1276-ND	.45	3.39	24.86	B32620A5154J
		0.15	±5%	5.0	11.0	13.0	10.0	495-1277-ND	.57	4.21	30.95	B32621A5154J
		0.22	±5%	6.0	12.0	13.0	10.0	495-1278-ND	.65	4.82	35.41	B32621A5224J
		0.0022	±5%	4.0	7.0	13.0	10.0	495-1279-ND	.32	2.39	17.10	B32621A3222J
250	140	0.0033	±5%	4.0	9.0	13.0	10.0	495-1280-ND	.38	2.77	19.80	B32621A3332J
		0.0047	±5%	4.0	9.0	13.0	10.0	495-1281-ND	.38	2.77	19.80	B32621A3472J
		0.0068	±5%	4.0	9.0	13.0	10.0	495-1282-ND	.38	2.77	19.80	B32621A3682J
		0.01	±5%	4.0	9.0	13.0	10.0	495-1283-ND	.37	2.70	19.25	B32621A3103J
		0.015	±5%	4.0	9.0	13.0	10.0	495-1284-ND	.40	2.98	21.25	B32621A3153J
		0.022	±5%	4.0	8.5	10.0	7.5	495-1286-ND	.35	2.56	18.28	B32620A3223J
		0.022	±5%	4.0	9.0	13.0	10.0	495-1285-ND	.40	2.96	21.18	B32621A3223J
		0.033	±5%	4.0	8.5	10.0	7.5	495-1288-ND	.36	2.64	18.85	B32620A3333J
		0.033	±5%	4.0	9.0	13.0	10.0	495-1287-ND	.42	3.13	22.35	B32621A3333J
		0.047	±5%	5.0	10.5	10.0	7.5	495-1290-ND	.39	2.86	20.43	B32620A3473J
400	200	0.047	±5%	4.0	9.0	13.0	10.0	495-1289-ND	.45	3.32	23.73	B32621A3473J
		0.068	±5%	5.0	10.5	10.0	7.5	495-1291-ND	.42	3.13	22.35	B32620A3683J
		0.068	±5%	5.0	11.0	13.0	10.0	495-1292-ND	.49	3.59	25.68	B32621A3683J
		0.10	±5%	6.0	12.0	10.3	7.5	495-1294-ND	.50	3.70	26.45	B32620A3104J
		0.15	±5%	5.0	10.5	18.0	15.0	495-1295-ND	.38	2.81	20.66	B32652A3154J
		0.22	±5%	6.0	11.0	18.0	15.0	495-1296-ND	.41	3.06	22.49	B32652A3224J
		0.33	±5%	7.0	12.5	18.0	15.0	495-1297-ND	.48	3.58	26.32	B32652A3334J
		0.47	±5%	8.5	14.5	18.0	15.0	495-1298-ND	.58	4.28	31.44	B32652A3474J
		0.68	±5%	9.0	17.5	18.0	15.0	495-1299-ND	.66	4.90	36.00	B32652A3684J
		0.0068	±5%	4.0	8.5	10.0	7.5	495-1300-ND	.35	2.56	18.28	B32620A4682J
630	400	0.01	±5%	4.0	8.5	10.0	7.5	495-1301-ND	.35	2.56	18.28	B32620A4103J
		0.01	±5%	4.0	9.0	13.0	10.0	495-1302-ND	.39	2.86	20.43	B32621A4103J
		0.015	±5%	5.0	10.5	10.0	7.5	495-1304-ND	.37	2.75	19.65	B32620A4153J
		0.015	±5%	4.0	9.0	13.0	10.0	495-1303-ND	.40	2.96	21.18	B32621A4153J
		0.022	±5%	5.0	10.5	10.0	7.5	495-1305-ND	.40	2.91	20.80	B32620A4223J
		0.022	±5%	5.0	11.0	13.0	10.0	495-1306-ND	.44	3.27	23.33	B32621A4223J
		0.033	±5%	6.0	12.0	10.3	7.5	495-1308-ND	.47	3.43	24.50	B32620A4333J
		0.033	±5%	5.0	11.0	13.0	10.0	495-1307-ND	.49	3.63	25.95	B32621A4333J
		0.047	±5%	6.0	12.0	13.0	10.0	495-1309-ND	.54	4.00	28.58	B32621A4473J
		0.068	±5%	5.0	10.5	18.0	15.0	495-1310-ND	.45	3.32	23.73	B32652A4683J
630	400	0.10	±5%	5.0	10.5	18.0	15.0	495-1311-ND	.51	3.76	26.83	B32652A4104J
		0.15	±5%	6.0	11.0	18.0	15.0	495-1312-ND	.49	3.64	26.70	B32652A4154J
		0.22	±5%	7.0	12.5	18.0	15.0	495-1313-ND	.50	3.76	27.59	B32652A4224J
		0.33	±5%	8.5	14.5	18.0	15.0	495-1314-ND	.53	3.98	29.23	B32652A4334J
		0.47	±5%	9.0	17.5	18.0	15.0	495-1315-ND	.67	4.95	36.38	B32652A4474J
		0.0015	±5%	4.0	8.5	10.0	7.5	495-1316-ND	.33	2.42	17.30	B32620A6152J
		0.0022	±5%	4.0	8.5	10.0	7.5	495-1318-ND	.33	2.42	17.30	B32620A6222J
		0.0022	±5%	4.0	7.0	13.0	10.0	495-1317-ND	.37	2.72	19.45	B32621A6222J
		0.0033	±5%	4.0	8.5	10.0	7.5	495-1319-ND	.35	2.56	18.28	B32620A6332J
		0.0033	±5%	4.0	9.0	13.0	10.0	495-1320-ND	.38	2.78	19.83	B32621A6332J
630	400	0.0047	±5%	4.0	8.5	10.0	7.5	495-1322-ND	.37	2.75	19.65	B32620A6472J
		0.0047	±5%	4.0	9.0	13.0	10.0	495-1321-ND	.40	2.91	20.80	B32621A6472J

WV (DC)	WV (AC)	Cap (µF)	Tolerance	Dimensions (mm)				Digi-Key Part No.	Pricing			Epcos Part No.
				b	h	L	e		1	10	100	
630	400	0.0068	±5%	5.0	10.5	10.0	7.5	495-1323-ND	.40	2.91	20.80	B32620A6682J
		0.0068	±5%	4.0	9.0	13.0	10.0	495-1324-ND	.44	3.21	22.95	B32621A6682J
		0.01	±5%	5.0	10.5	10.0	7.5	495-1325-ND	.44	3.21	22.95	B32620A6103J
		0.01	±5%	4.0	9.0	13.0	10.0	495-1326-ND	.48	3.54	25.28	B32621A6103J
		0.015	±5%	6.0	12.0	10.3	7.5	495-1327-ND	.53	3.89	27.80	B32620A6153J
	250	0.015	±5%	5.0	11.0	13.0	10.0	495-1328-ND	.58	4.29	30.63	B32621A6153J
		0.022	±5%	6.0	12.0	13.0	10.0	495-1329-ND	.54	4.03	29.61	B32621A6223J
		0.033	±5%	5.0	10.5	18.0	15.0	495-1330-ND	.49	3.62	25.85	B32652A6333J
		0.047	±5%	5.0	10.5	18.0	15.0	495-1331-ND	.52	3.81	27.23	B32652A6473J
		0.068	±5%	6.0	11.0	18.0	15.0	495-1332-ND	.49	3.68	27.05	B32652A6683J
250	100	0.10	±5%	7.0	12.5	18.0	15.0	495-1333-ND	.52	3.86	28.34	B32652A6104J
		0.15	±5%	8.5	14.5	18.0	15.0	495-1334-ND	.64	4.73	34.73	B32652A6154J
		0.22	±5%	9.0	17.5	18.0	15.0	495-1335-ND	.67	4.95	36.38	B32652A6224J
		0.01	±5%	5.0	10.5	18.0	15.0	495-1349-ND	.45	3.32	23.72	B32652A0103J
		0.015	±5%	5.0	10.5	18.0	15.0	495-1351-ND	.46	3.38	24.11	B32652A0153J
	500	0.022	±5%	5.0	10.5	18.0	15.0	495-1352-ND	.49	3.62	25.86	B32652A0223J
		0.033	±5%	6.0	11.0	18.0	15.0	495-1353-ND	.54	3.97	28.39	B32652A0333J
		0.047	±5%	7.0	12.5	18.0	15.0	495-1354-ND	.54	4.03	29.61	B32652A0473J
		0.068	±5%	8.5	14.5	18.0	15.0	495-1355-ND	.57	4.23	31.07	B32652A0683J
		0.10	±5%	9.0	17.5	18.0	15.0	495-1356-ND	.66	4.88	35.82	B32652A0104J
1000	500	0.0015	±5%	4.0	8.5	10.0	7.5	495-1338-ND	.34	2.51	17.90	B32620A152J
		0.0022	±5%	4.0	8.5	10.0	7.5	495-1339-ND	.35	2.56	18.28	B32620A222J
		0.0022	±5%	4.0	7.0	13.0	10.0	495-1340-ND	.40	2.91	20.80	B32621A222J
		0.0033	±5%	5.0	10.5	10.0	7.5	495-1343-ND	.37	2.70	19.25	B32620A332J
		0.0033	±5%	4.0	9.0	13.0	10.0	495-1342-ND	.40	2.97	21.20	B32621A332J
	600	0.0047	±5%	5.0	10.5	10.0	7.5	495-1346-ND	.40	2.91	20.80	B32620A472J
		0.0047	±5%	4.0	9.0	13.0	10.0	495-1344-ND	.47	3.43	24.50	B32621A472J
		0.0068	±5%	6.0	12.0	10.3	7.5	495-1347-ND	.48	3.54	25.28	B32620A682J
		0.0068	±5%	5.0	11.0	13.0	10.0	495-1348-ND	.49	3.64	26.00	B32621A682J
		0.01	±5%	6.0	12.0	13.0	10.0	495-1350-ND	.56	4.11	29.35	B32621A103J
1250	500	0.00047	±5%	4.0	8.5	10.0	7.5	495-1336-ND	.51	3.49	24.59	B32620J471J
		0.00068	±5%	5.0	10.5	10.0	7.5	495-1337-ND	.34	2.52	18.00	B32620J681J
		0.0022	±5%	5.0	10.5	10.0	7.5	495-1341-ND	.41	3.00	21.45	B32620J222J
		0.0047	±5%	6.0	12.0	10.3	7.5	495-1345-ND	.46	3.40	24.28	B32620J472J
		0.0068	±5%	5.0	10.5	18.0	15.0	495-1357-ND	.48	3.57	25.48	B32652A7682J
	500	0.01	±5%	6.0	11.0	18.0	15.0	495-1358-ND	.50	3.73	27.42	B32652A7103J
		0.015	±5%	7.0	12.5	18.0	15.0	495-1359-ND	.56	4.18	30.71	B32652A7153J
		0.022	±5%	8.5	14.5	18.0	15.0	495-1360-ND	.60	4.48	32.90	B32652A7223J
		0.033	±5%	9.0	17.5	18.0	15.0	495-1361-ND	.67	4.95	36.38	B32652A7333J
		0.0033	±5%	5.0	10.5	18.0	15.0	495-1367-ND	.40	2.97	21.20	B32652A1332J
1600	500	0.0047	±5%	6.0	11.0	18.0	15.0	495-1369-ND	.43	3.19	22.75	B32652A1472J
		0.0068	±5%	7.0	12.5	18.0	15.0	495-1371-ND	.43	3.24	23.76	B32652A1682J
		0.01	±5%	8.5	14.5	18.0	15.0	495-1373-ND	.54	4.03	29.61	B32652A1723J
		0.015	±5%	9.0	17.5	18.0	15.0	495-1374-ND	.66	4.88	35.81	B32652A1153J
		0.0022	±5%	5.0	10.5	18.0	15.0	495-1364-ND	.48	3.58	26.32	B32652J1222J
	700	0.0033	±5%	6.0	11.0	18.0	15.0	495-1366-ND	.53	3.98	29.23	B32652J1333J
		0.0047	±5%	7.0	12.5	18.0	15.0	495-1368-ND	.57	4.23	31.07	B32652J1472J
		0.0068	±5%	8.5	14.5	18.0	15.0	495-1370-ND	.60	4.48	32.90	B32652J1682J
		0.01	±5%	9.0	17.5	18.0	15.0	495-1372-ND	.67	4.95	36.38	B32652J1103J
		0.001	±5%	5.0	10.5	18.0	15.0	495-1376-ND	.50	3.68	26.25	B32652A2102J
2000	700	0.0015	±5%	6.0	11.0	18.0	15.0	495-1377-ND	.52	3.81	27.23	B32652A2152J
		0.0022	±5%	7.0	12.5	18.0	15.0	495-1378-ND	.56	4.11	29.35	B32652A2222J
		0.0033	±5%	8.5	14.5	18.0	15.0	495-1379-ND	.58	4.27	30.53	B32652A2332J
		0.0068	±5%	5.0	10.5	18.0	15.0	495-1376-ND	.50	3.68	26.25	B32652A2102J
2000	700	0.0015	±5%	6.0	11.0	18.0	15.0	495-1377-ND	.52	3.81	27.23	B32652A2152J
		0.0022	±5%	7.0	12.5	18.0	15.0	495-1378-ND	.56	4.11	29.35	B32652A2222J
		0.0033	±5%	8.5	14.5	18.0	15.0	495-1379-ND	.58	4.27	30.53	B32652A2332J
		0.0068	±5%	5.0	10.5	18.0	15.0	495-1376-ND	.50	3.68	26.25	B32652A2102J