



Metallized Polypropylene Film Capacitors

MKP Series

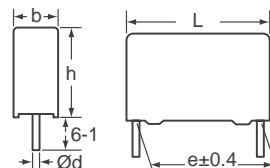
Construction: • Dielectric: polypropylene • Stacked and wound technology • Plastic case (UL 94 V-0) • Epoxy resin sealing

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
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)	ϕd
7.5	0.5
10.0	0.5*, 0.6
15.0	0.8

* 0.5 for capacitor width $b \leq 4$



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		.29	2.13	15.17	B32620A5333J
		0.047	±5%	4.0	7.0	13.0	10.0	495-1272-ND		.35	2.53	18.05	B32621A5473J
		0.068	±5%	5.0	10.5	10.0	7.5	495-1274-ND		.36	2.65	18.96	B32620A5683J
		0.068	±5%	4.0	9.0	13.0	10.0	495-1273-ND		.36	2.65	18.96	B32621A5683J
		0.10	±5%	5.0	10.5	10.0	7.5	495-1275-ND		.38	2.76	19.74	B32620A5104J
		0.10	±5%	5.0	11.0	13.0	10.0	495-1375-ND	44	3.19	22.76		B32621A5104J
		0.15	±5%	6.0	12.0	10.3	7.5	495-1276-ND		.36	2.73	20.03	B32620A5154J
		0.15	±5%	5.0	11.0	13.0	10.0	495-1277-ND		.46	3.39	24.94	B32621A5154J
		0.22	±5%	6.0	12.0	13.0	10.0	495-1278-ND		.52	3.88	28.53	B32621A5224J
		0.0022	±5%	4.0	7.0	13.0	10.0	495-1279-ND		.26	1.93	13.78	B32621A3223J
250	140	0.0033	±5%	4.0	9.0	13.0	10.0	495-1280-ND		.31	2.23	15.95	B32621A3332J
		0.0047	±5%	4.0	9.0	13.0	10.0	495-1281-ND		.31	2.23	15.95	B32621A3472J
		0.0068	±5%	4.0	9.0	13.0	10.0	495-1282-ND		.31	2.23	15.95	B32621A3682J
		0.01	±5%	4.0	9.0	13.0	10.0	495-1283-ND		.30	2.18	15.51	B32621A3103J
		0.015	±5%	4.0	9.0	13.0	10.0	495-1284-ND		.32	2.40	17.12	B32621A3153J
		0.022	±5%	4.0	8.5	10.0	7.5	495-1286-ND		.28	2.06	14.73	B32620A3223J
		0.022	±5%	4.0	9.0	13.0	10.0	495-1285-ND		.32	2.39	17.07	B32621A3332J
		0.033	±5%	4.0	8.5	10.0	7.5	495-1288-ND		.29	2.13	15.19	B32620A3333J
		0.033	±5%	4.0	9.0	13.0	10.0	495-1287-ND		.34	2.52	18.01	B32621A3333J
		0.047	±5%	5.0	10.5	10.0	7.5	495-1290-ND		.31	2.30	16.46	B32620A3473J
400	200	0.047	±5%	4.0	9.0	13.0	10.0	495-1289-ND		.36	2.68	19.12	B32621A3473J
		0.068	±5%	5.0	10.5	10.0	7.5	495-1291-ND		.34	2.52	18.01	B32620A3683J
		0.068	±5%	5.0	11.0	13.0	10.0	495-1292-ND		.39	2.89	20.69	B32621A3683J
		0.10	±5%	6.0	12.0	10.3	7.5	495-1294-ND		.40	2.98	21.31	B32620A3104J
		0.15	±5%	5.0	10.5	18.0	15.0	495-1295-ND		.31	2.26	16.65	B32652A3154J
		0.22	±5%	6.0	11.0	18.0	15.0	495-1296-ND		.33	2.47	18.12	B32652A3224J
		0.33	±5%	7.0	12.5	18.0	15.0	495-1297-ND		.39	2.88	21.21	B32652A3334J
		0.47	±5%	8.5	14.5	18.0	15.0	495-1298-ND		.47	3.45	25.33	B32652A3474J
		0.68	±5%	9.0	17.5	18.0	15.0	495-1299-ND		.53	3.95	29.01	B32652A3684J
		0.0068	±5%	4.0	8.5	10.0	7.5	495-1300-ND		.28	2.06	14.73	B32620A4682J
630	400	0.01	±5%	4.0	8.5	10.0	7.5	495-1301-ND		.28	2.06	14.73	B32620A4103J
		0.01	±5%	4.0	9.0	13.0	10.0	495-1302-ND		.31	2.30	16.46	B32621A4103J
		0.015	±5%	5.0	10.5	10.0	7.5	495-1304-ND		.30	2.22	15.83	B32620A4153J
		0.015	±5%	4.0	9.0	13.0	10.0	495-1303-ND		.32	2.39	17.07	B32621A4153J
		0.022	±5%	5.0	10.5	10.0	7.5	495-1305-ND		.32	2.34	16.76	B32620A4223J
		0.022	±5%	5.0	11.0	13.0	10.0	495-1306-ND		.35	2.63	18.80	B32621A4223J
		0.033	±5%	6.0	12.0	10.3	7.5	495-1308-ND		.38	2.76	19.74	B32620A4333J
		0.033	±5%	5.0	11.0	13.0	10.0	495-1307-ND		.39	2.93	20.91	B32621A4333J
		0.047	±5%	6.0	12.0	13.0	10.0	495-1309-ND		.44	3.22	23.03	B32621A4473J
		0.068	±5%	5.0	10.5	18.0	15.0	495-1310-ND		.36	2.68	19.12	B32652A4683J
630	400	0.10	±5%	5.0	10.5	18.0	15.0	495-1311-ND		.41	3.03	21.62	B32652A4104J
		0.15	±5%	6.0	11.0	18.0	15.0	495-1312-ND		.39	2.93	21.51	B32652A4154J
		0.22	±5%	7.0	12.5	18.0	15.0	495-1313-ND		.40	3.03	22.23	B32652A4224J
		0.33	±5%	8.5	14.5	18.0	15.0	495-1314-ND		.43	3.21	23.55	B32652A4334J
		0.47	±5%	9.0	17.5	18.0	15.0	495-1315-ND		.54	3.99	29.32	B32652A4474J
		0.0015	±5%	4.0	8.5	10.0	7.5	495-1316-ND		.27	1.95	13.94	B32620A6152J
		0.0022	±5%	4.0	8.5	10.0	7.5	495-1318-ND		.27	1.95	13.94	B32620A6222J
		0.0022	±5%	4.0	7.0	13.0	10.0	495-1317-ND		.30	2.19	15.67	B32621A6222J
		0.0033	±5%	4.0	8.5	10.0	7.5	495-1319-ND		.28	2.06	14.73	B32620A6332J
		0.0033	±5%	4.0	9.0	13.0	10.0	495-1320-ND		.31	2.24	15.98	B32621A6332J
630	400	0.0047	±5%	4.0	8.5	10.0	7.5	495-1322-ND		.30	2.22	15.83	B32620A6472J
		0.0047	±5%	4.0	9.0	13.0	10.0	495-1321-ND		.32	2.34	16.76	B32621A6472J

WV (DC)	WV (AC)	Cap (µF)	Tolerance	Dimensions (mm)				Digi-Key Part No.	Pricing			Epos 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	.32	2.34	16.76	B32620A6682J
		0.0068	±5%	4.0	9.0	13.0	10.0	495-1324-ND	.35	2.59	18.49	B32621A6682J
		0.01	±5%	5.0	10.5	10.0	7.5	495-1325-ND	.35	2.59	18.49	B32620A6103J
		0.01	±5%	4.0	9.0	13.0	10.0	495-1326-ND	.39	2.85	20.37	B32621A6103J
		0.015	±5%	6.0	12.0	10.3	7.5	495-1327-ND	.43	3.13	22.40	B32620A6153J
	250	0.015	±5%	5.0	11.0	13.0	10.0	495-1328-ND	.47	3.46	24.68	B32621A6153J
		0.022	±5%	6.0	12.0	13.0	10.0	495-1329-ND	.44	3.25	23.86	B32621A6223J
		0.033	±5%	5.0	10.5	18.0	15.0	495-1330-ND	.39	2.92	20.83	B32652A6333J
		0.047	±5%	5.0	10.5	18.0	15.0	495-1331-ND	.42	3.07	21.94	B32652A6473J
		0.068	±5%	6.0	11.0	18.0	15.0	495-1332-ND	.39	2.97	21.80	B32652A6683J
250	0.10	±5%	7.0	12.5	18.0	15.0	495-1333-ND	.42	3.11	22.84	B32652A6104J	
	0.15	±5%	8.5	14.5	18.0	15.0	495-1334-ND	.52	3.81	27.99	B32652A6154J	
	0.22	±5%	9.0	17.5	18.0	15.0	495-1335-ND	.54	3.99	29.32	B32652A6224J	
	0.01	±5%	5.0	10.5	18.0	15.0	495-1349-ND	.36	2.68	19.11	B32652A0103J	
	0.015	±5%	5.0	10.5	18.0	15.0	495-1351-ND	.37	2.72	19.43	B32652A0153J	
	0.022	±5%	5.0	10.5	18.0	15.0	495-1352-ND	.39	2.92	20.84	B32652A0223J	
	0.033	±5%	6.0	11.0	18.0	15.0	495-1353-ND	.44	3.20	22.88	B32652A0333J	
	0.047	±5%	7.0	12.5	18.0	15.0	495-1354-ND	.44	3.25	23.86	B32652A0473J	
	0.068	±5%	8.5	14.5	18.0	15.0	495-1355-ND	.46	3.41	25.04	B32652A0683J	
	0.10	±5%	9.0	17.5	18.0	15.0	495-1356-ND	.53	3.93	28.86	B32652A0104J	
1000	500	0.0015	±5%	4.0	8.5	10.0	7.5	495-1338-ND	.27	2.02	14.42	B32620A152J
		0.0022	±5%	4.0	8.5	10.0	7.5	495-1339-ND	.28	2.06	14.73	B32620A222J
		0.0022	±5%	4.0	7.0	13.0	10.0	495-1340-ND	.32	2.34	16.76	B32621A222J
		0.0033	±5%	5.0	10.5	10.0	7.5	495-1343-ND	.30	2.18	15.51	B32620A332J
		0.0033	±5%	4.0	9.0	13.0	10.0	495-1342-ND	.32	2.39	17.08	B32621A332J
	600	0.0047	±5%	5.0	10.5	10.0	7.5	495-1346-ND	.32	2.34	16.76	B32620A472J
		0.0047	±5%	4.0	9.0	13.0	10.0	495-1344-ND	.38	2.76	19.74	B32621A472J
		0.0068	±5%	6.0	12.0	10.3	7.5	495-1347-ND	.39	2.85	20.37	B32620A682J
		0.0068	±5%	5.0	11.0	13.0	10.0	495-1348-ND	.39	2.93	20.95	B32621A682J
		0.01	±5%	6.0	12.0	13.0	10.0	495-1350-ND	.45	3.31	23.65	B32621A103J
1250	500	0.00047	±5%	4.0	8.5	10.0	7.5	495-1336-ND	.41	2.81	19.81	B32620J471J
		0.00068	±5%	5.0	10.5	10.0	7.5	495-1337-ND	.27	2.03	14.50	B32620J681J
		0.0022	±5%	5.0	10.5	10.0	7.5	495-1341-ND	.33	2.42	17.28	B32620J222J
		0.0047	±5%	6.0	12.0	10.3	7.5	495-1345-ND	.37	2.74	19.56	B32620J472J
		0.0068	±5%	5.0	10.5	18.0	15.0	495-1357-ND	.39	2.88	20.53	B32652A7682J
	500	0.01	±5%	6.0	11.0	18.0	15.0	495-1358-ND	.40	3.01	22.10	B32652A7103J
		0.015	±5%	7.0	12.5	18.0	15.0	495-1359-ND	.45	3.37	24.75	B32652A7153J
		0.022	±5%	8.5	14.5	18.0	15.0	495-1360-ND	.48	3.61	26.51	B32652A7223J
		0.033	±5%	9.0	17.5	18.0	15.0	495-1361-ND	.54	3.99	29.32	B32652A7333J
		0.0033	±5%	5.0	10.5	18.0	15.0	495-1367-ND	.32	2.39	17.08	B32652A1332J
1600	500	0.0047	±5%	6.0	11.0	18.0	15.0	495-1369-ND	.35	2.57	18.33	B32652A1472J
		0.0068	±5%	7.0	12.5	18.0	15.0	495-1371-ND	.35	2.61	19.15	B32652A1682J
		0.01	±5%	8.5	14.5	18.0	15.0	495-1373-ND	.44	3.25	23.86	B32652A1A103J
		0.015	±5%	9.0	17.5	18.0	15.0	495-1374-ND	.53	3.93	28.86	B32652A1153J
		0.0022	±5%	5.0	10.5	18.0	15.0	495-1364-ND	.39	2.88	21.21	B32652J1222J
	700	0.0033	±5%	6.0	11.0	18.0	15.0	495-1366-ND	.43	3.21	23.55	B32652J1332J
		0.0047	±5%	7.0	12.5	18.0	15.0	495-1368-ND	.46	3.41	25.04	B32652J1472J
		0.0068	±5%	8.5	14.5	18.0	15.0	495-1370-ND	.48	3.61	26.51	B32652J1682J
		0.01	±5%	9.0	17.5	18.0	15.0	495-1372-ND	.54	3.99	29.32	B32652J1103J
		0.001	±5%	5.0	10.5	18.0	15.0	495-1376-ND	.40	2.97	21.15	B32652A2102J
2000	0.0015	±5%	6.0	11.0	18.0	15.0	495-1377-ND	.42	3.07	21.94	B32652A2153J	
	0.0022	±5%	7.0	12.5	18.0	15.0	495-1378-ND	.45	3.31	23.65	B32652A2222J	
	0.0033	±5%	8.5	14.5	18.0	15.0	495-1379-ND	.47	3.44	24.60	B32652A2333J	