



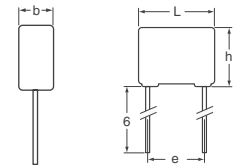
EMI 抑制电容器 Y2、Y1、X2、X1 系列 (接上页)



WV (AC)	电容 (μF)	容差	尺寸 (mm)				Digi-Key 零件编号	价格			Epcos 零件编号
			w	h	L	e		1	10	100	
330	.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	B32912A3443M	
	.068 ±20%	6.0	11.0	18.0	15.0	495-3242-ND	.48	3.57	26.78	B32912A3663M	
	.10 ±20%	7.0	12.5	18.0	15.0	495-3243-ND	.48	3.63	27.23	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	B32913A3744M	
	.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	

WV (AC)	电容 (μF)	容差	尺寸 (mm)				Digi-Key 零件编号	价格			Epcos 零件编号
			w	h	L	e		1	10	100	
330	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	B81141C1433M	
	.068 ±20%	8.5	16.5	26.5	22.5	495-1660-ND	2.22	16.38	117.00	B81141C1683M	
	.10 ±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	
	.68 ±20%	16.0	28.5	41.5	37.5	495-1666-ND	9.19	69.62	525.40	B81141C1684M	

CombiSuppressor - 内置变阻器的 PET 薄膜电容器



特点: 凭借 CombiSuppressor 系列, Epcos 推出了创新的解决方案, 可用于机动车 DC 电机中抑制 EMI。CombiSuppressor 含有一个薄膜电容器和多层陶瓷变阻器, 它们在塑料外壳内并联。这种封装技术可为部件提供机械保护, 同时加快自动故障操作。

结构: • 电介质: 金属化聚对苯二甲酸乙二醇酯 • 叠膜电容器技术 • 塑料外壳 (UL 94V-0) • 环氧树脂密封 • SIOV 金属氧化物变阻器

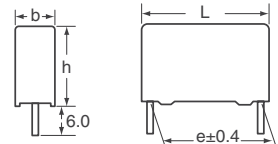
技术规格: • 工作温度范围: -55°C ~ 125°C, 符合 ISO 7631 • 气候类别 (IEC 60068-1): 55/125/56

电容 (μF)	电容器额定电压	铝电极电压	最大电流 8/20 μs (A)	尺寸 (mm)				Digi-Key 零件编号	价格			Epcos 零件编号
				b	h	L	e		1	10	100	
0.47	22	44	200	4.5	9.5	7.8	5.0	495-3076-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
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	B32529V5105J
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

电容 (μF)	电容器额定电压	铝电极电压	最大电流 8/20 μs (A)	尺寸 (mm)				Digi-Key 零件编号	价格			Epcos 零件编号
				b	h	L	e		1	10	100	
0.47	22	44	200	5.0	11.0	13.0	10.0	495-3096-ND	1.05	7.84	57.58	B32521V2474J
0.68	22	44	200	5.0	11.0	13.0	10.0	495-3097-ND	1.10	8.16	59.93	B32521V2684J
0.47	26	54	200	5.0	11.0	13.0	10.0	495-3100-ND	1.14	8.48	62.28	B32521V3474J
1.0	26	54	200	5.0	11.0	13.0	10.0	495-3102-ND	1.18	8.80	64.63	B32521V3105J
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	11.0	13.0	10.0	495-3106-ND	1.23	9.12	66.98	B32521V9105J
1.5	31	65	200	6.0	12.0	13.0	10.0	495-3107-ND	1.29	9.60	70.50	B32521V9155J
1.0	38	77	200	5.0	11.0	13.0	10.0	495-3110-ND	1.31	9.76	71.68	B32521V5105J
1.5	38	77	200	6.0	12.0	13.0	10.0	495-3111-ND	1.35	10.08	74.03	B32521V5155J
0.68	45	90	100	5.0	11.0	13.0	10.0	495-3113-ND	1.35	10.08	74.03	B32521V7684J
1.0	45	90	100	5.0	11.0	13.0	10.0	495-3114-ND	1.38	10.24	75.20	B32521V7105J
1.5	45	90	100	6.0	12.0	13.0	10.0	495-3115-ND	1.42	10.56	77.55	B32521V7155J

F

金属化聚酯膜电容器 MKT 系列



结构: • 电介质: 聚对苯二甲酸乙二醇酯 (聚酯) • 层叠及缠绕电容器技术 • 塑料外壳 (UL 94V-0) • 环氧树脂密封 特点: • 脉冲强度高 • 接触可靠性高 端子: • 平行引线。

镀锡 技术数据: • 下限类别温度 T_{最小值}: -55°C • 上限类别温度 T_{最大值}: 100°C (若寿命 1000 小时和 V_C=0.5V_R, 则 125°C) • 使用寿命: 20 万小时

封装

WV (DC)	WV (AC)	电容 (μF)	容差	尺寸 (mm)				Digi-Key 零件编号	价格			Epcos 零件编号
				b	h	L	e		1	10	100	
50	32	0.33 ±5%	3.0	6.5	7.2	5.0	495-1085-ND	.34	2.29	16.17	B32529C5334J	
		0.47 ±5%	3.5	8.0	7.2	5.0	495-1086-ND	.37	2.51	17.71	B32529C5474J	
		0.68 ±5%	4.5	9.5	7.3	5.0	495-1117-ND	.35	2.58	18.40	B32529C5684J	
		1.5 ±5%	6.0	10.5	7.5	5.0	495-1088-ND	.71	5.28	38.80	B32529C5155J	
		2.2 ±5%	7.8	13.0	7.8	5.0	495-1089-ND	1.27	9.51	71.33	B32529D5225J	
		3.3 ±5%	7.8	13.0	7.8	5.0	495-1090-ND	1.79	13.57	102.40	B32529D5335J	
	63	40	0.001 ±5%	2.5	6.5	7.2	5.0	495-1091-ND	.16	1.24	8.37	B32529C102J
			0.001 ±10%	2.5	6.5	7.2	5.0	495-2456-ND	.12	.91	6.50	B32529C101J
			0.0015 ±5%	2.5	6.5	7.2	5.0	495-1092-ND	.16	1.24	8.37	B32529C152J
			0.0022 ±5%	2.5	6.5	7.2	5.0	495-1093-ND	.16	1.24	8.37	B32529C222J
			0.0022 ±10%	2.5	6.5	7.2	5.0	495-2518-ND	.12	.91	6.50	B32529C222K
			0.0033 ±5%	2.5	6.5	7.2	5.0	495-1094-ND	.16	1.24	8.37	B32529C332J
0.0047 ±5%			2.5	6.5	7.2	5.0	495-1095-ND	.16	1.24	8.37	B32529C472J	
0.0047 ±10%			2.5	6.5	7.2	5.0	495-2555-ND	.12	.91	6.50	B32529C472K	
0.0068 ±5%			2.5	6.5	7.2	5.0	495-1096-ND	.16	1.24	8.37	B32529C682J	
0.01 ±5%			2.5	6.5	7.2	5.0	495-1097-ND	.16	1.24	8.37	B32529C103J	
0.01 ±10%			2.5	6.5	7.2	5.0	495-2460-ND	.12	.91	6.50	B32529C103K	
0.015 ±5%			2.5	6.5	7.2	5.0	495-1098-ND	.16	1.24	8.37	B32529C153J	
0.015 ±10%		2.5	6.5	7.2	5.0	495-2507-ND	.12	.91	6.50	B32529C153K		
0.022 ±5%		2.5	6.5	7.2	5.0	495-1099-ND	.16	1.24	8.37	B32529C223J		
0.022 ±10%		2.5	6.5	7.2	5.0	495-2520-ND	.12	.91	6.50	B32529C223K		
0.033 ±5%		2.5	6.5	7.2	5.0	495-1100-ND	.16	1.24	8.37	B32529C333J		
0.033 ±10%		2.5	6.5	7.2	5.0	495-2545-ND	.12	.91	6.50	B32529C333K		
0.047 ±5%		2.5	6.5									



金属化聚酯膜电容器
MKT 系列 (接上页)



WV (DC)	WV (AC)	电容 (μF)	容差	尺寸 (mm)			Digi-Key 零件编号	价格			Epcos 零件编号		
				b	h	L		1	10	100			
100	63	0.015 ±5%	2.5	6.5	7.2	5.0	495-1139-ND	.16	1.24	8.37	B32529C1153J		
		0.022 ±5%	2.5	6.5	7.2	5.0	495-1140-ND	.16	1.24	8.37	B32529C1223K		
		0.022 ±10%	2.5	6.5	7.2	5.0	495-2489-ND	.12	.91	6.50	B32529C1223K		
		0.033 ±5%	2.5	6.5	7.2	5.0	495-1141-ND	.16	1.24	8.37	B32529C1333J		
		0.033 ±10%	2.5	6.5	7.2	5.0	495-2495-ND	.12	.91	6.50	B32529C1333K		
		0.047 ±5%	2.5	7.0	10.0	7.5	495-1144-ND	.28	2.16	14.57	B32529C1473J		
		0.047 ±10%	2.5	6.5	7.2	5.0	495-1143-ND	.16	1.24	8.37	B32529C1473K		
		0.047 ±5%	2.5	6.5	7.2	5.0	495-2500-ND	.12	.91	6.50	B32529C1473K		
		0.068 ±5%	2.5	6.5	7.2	5.0	495-1146-ND	.16	1.24	8.37	B32529C1683J		
		0.10 ±5%	2.5	7.0	10.0	7.5	495-1148-ND	.32	2.18	15.40	B32529C1014J		
		250	160	0.10 ±10%	2.5	7.0	10.0	7.5	495-2423-ND	.25	1.86	13.25	B32529C1014K
				0.10 ±5%	4.0	7.0	13.0	10.0	495-1149-ND	.35	2.38	16.78	B32521C1014J
				0.10 ±5%	2.5	6.5	7.2	5.0	495-1147-ND	.16	1.24	8.37	B32529C1014J
				0.10 ±10%	2.5	6.5	7.2	5.0	495-2481-ND	.12	.91	6.50	B32529C1014K
				0.15 ±5%	3.0	8.0	10.0	7.5	495-1150-ND	.37	2.50	17.60	B32529C1154J
				0.15 ±5%	3.0	6.5	7.2	5.0	495-1151-ND	.26	1.79	12.65	B32529C1154J
				0.22 ±5%	3.0	8.0	10.0	7.5	495-1153-ND	.43	2.89	20.35	B32529C1224J
				0.22 ±10%	3.0	8.0	10.0	7.5	495-2425-ND	.33	2.45	17.50	B32529C1224K
				0.22 ±5%	4.0	7.0	13.0	10.0	495-1154-ND	.47	3.20	22.55	B32521C1224J
				0.22 ±10%	4.0	7.0	13.0	10.0	495-2436-ND	.37	2.73	19.50	B32521C1224K
				0.22 ±5%	3.5	8.0	7.2	5.0	495-1155-ND	.28	1.87	13.20	B32529C1224J
				0.22 ±10%	3.5	8.0	7.2	5.0	495-2492-ND	.22	1.61	11.50	B32529C1224K
				0.33 ±5%	4.0	8.5	10.0	7.5	495-1156-ND	.43	3.15	22.50	B32529C1334J
				0.33 ±5%	4.0	7.0	13.0	10.0	495-1159-ND	.43	3.19	22.75	B32521C1334J
				0.33 ±10%	5.0	10.5	18.0	15.0	495-1157-ND	.70	5.15	36.75	B32522C1334J
				0.33 ±5%	3.5	8.0	7.2	5.0	495-1158-ND	.37	2.50	17.60	B32529C1334J
				0.47 ±5%	5.0	10.5	18.0	15.0	495-1162-ND	.50	3.71	26.50	B32529C1474J
				0.47 ±5%	4.0	9.0	13.0	10.0	495-1163-ND	.55	4.03	28.75	B32521C1474J
				0.47 ±5%	5.0	10.5	18.0	15.0	495-1161-ND	.72	5.29	37.75	B32522C1474J
				0.47 ±10%	4.5	9.5	7.3	5.0	495-1160-ND	.34	2.49	17.75	B32529C1474J
				0.47 ±10%	4.5	9.5	7.3	5.0	495-2503-ND	.32	2.38	17.00	B32529C1474K
				0.68 ±5%	6.0	12.0	10.3	7.5	495-1165-ND	.66	4.83	34.50	B32521C1684J
				0.68 ±5%	5.0	11.0	13.0	10.0	495-1164-ND	.67	4.90	35.00	B32521C1684J
				0.68 ±5%	5.0	10.5	18.0	15.0	495-1166-ND	.71	5.28	38.78	B32529C1684J
				0.68 ±10%	6.0	10.5	7.5	5.0	495-2515-ND	.51	3.75	26.75	B32529C1684K
				1.0 ±5%	6.0	12.0	13.0	10.0	495-1167-ND	.86	6.43	47.24	B32521C1105J
				1.0 ±10%	5.0	10.5	18.0	15.0	495-1168-ND	.88	6.53	47.94	B32522C1105J
				1.0 ±5%	5.0	10.5	18.0	15.0	495-2448-ND	.92	6.79	48.50	B32522C1105K
				1.0 ±5%	7.8	13.0	7.8	5.0	495-1169-ND	.83	6.21	45.59	B32529D1105J
				1.5 ±5%	6.0	11.0	18.0	15.0	495-1171-ND	1.13	8.42	61.81	B32522C1155J
				2.2 ±5%	7.0	12.5	18.0	15.0	495-1172-ND	1.46	10.95	82.13	B32522C1225J
				3.3 ±5%	8.5	14.5	18.0	15.0	495-1173-ND	2.02	15.28	113.85	B32522C1225K
				0.001 ±5%	2.5	6.5	7.2	5.0	495-1174-ND	.17	1.29	8.68	B32529C1022J
				0.002 ±5%	2.5	6.5	7.2	5.0	495-1176-ND	.17	1.29	8.68	B32529C3222J
				0.002 ±10%	2.5	6.5	7.2	5.0	495-2537-ND	.13	.95	6.75	B32529C3222K
				0.003 ±5%	2.5	6.5	7.2	5.0	495-1177-ND	.17	1.29	8.68	B32529C3332J
				0.004 ±5%	2.5	6.5	7.2	5.0	495-1178-ND	.17	1.29	8.68	B32529C3472J
				0.0068 ±5%	2.5	6.5	7.2	5.0	495-1179-ND	.17	1.29	8.68	B32529C3682J
				0.01 ±5%	2.5	6.5	7.2	5.0	495-1180-ND	.17	1.29	8.68	B32529C1033J
				0.01 ±10%	2.5	6.5	7.2	5.0	495-2527-ND	.13	.95	6.75	B32529C1033K
				0.015 ±5%	2.5	7.0	10.0	7.5	495-1181-ND	.29	2.21	14.88	B32529C1033J
				0.015 ±5%	2.5	6.5	7.2	5.0	495-1182-ND	.17	1.29	8.68	B32529C1353J
				0.022 ±5%	2.5	7.0	10.0	7.5	495-1184-ND	.29	2.21	14.88	B32529C3223J
				0.022 ±10%	2.5	7.0	10.0	7.5	495-2428-ND	.22	1.61	11.50	B32529C3223K
				0.022 ±5%	2.5	6.5	7.2	5.0	495-1183-ND	.17	1.29	8.68	B32529C3223K
				0.022 ±10%	2.5	6.5	7.2	5.0	495-2539-ND	.13	.95	6.75	B32529C3223K
				0.033 ±5%	2.5	7.0	10.0	7.5	495-1186-ND	.28	1.87	13.20	B32529C3333J
				0.033 ±5%	3.0	6.5	7.2	5.0	495-1187-ND	.23	1.79	12.09	B32529C3333K
				0.033 ±10%	3.0	6.5	7.2	5.0	495-2543-ND	.18	1.30	9.25	B32529C3333K
				0.047 ±5%	2.5	7.0	10.0	7.5	495-1188-ND	.29	1.95	13.75	B32529C3473J
				0.047 ±5%	4.0	7.0	13.0	10.0	495-1189-ND	.33	2.22	15.68	B32521C3473J
				0.047 ±5%	3.5	8.0	7.2	5.0	495-1190-ND	.24	1.84	12.40	B32529C3473J
				0.047 ±10%	3.5	8.0	7.0	5.0	495-2552-ND	.18	1.33	9.50	B32529C3473K
	0.068 ±5%			4.0	7.0	13.0	10.0	495-1193-ND	.35	2.38	16.78	B32521C3683J	
	0.068 ±5%			4.5	9.5	7.3	5.0	495-1192-ND	.24	1.64	11.55	B32529C3683J	
	0.10 ±5%			4.0	8.5	10.0	7.5	495-1197-ND	.35	2.34	16.50	B32529C1014J	
	0.10 ±10%			4.0	8.5	10.0	7.5	495-2426-ND	.27	2.00	14.25	B32529C1014K	
	0.10 ±5%			4.0	7.0	13.0	10.0	495-1194-ND	.36	2.46	17.33	B32521C3104J	
	0.10 ±10%			4.0	7.0	13.0	10.0	495-2437-ND	.29	2.10	15.00	B32521C3104K	
	0.10 ±5%			5.0	10.5	18.0	15.0	495-1195-ND	.48	3.57	25.50	B32522C3104J	
	0.10 ±5%			4.5	9.5	7.3	5.0	495-1196-ND	.29	1.95	13.75	B32529C1014J	
	0.10 ±10%			4.5	9.5	7.3	5.0	495-2532-ND	.23	1.68	12.00	B32529C3104K	
	0.15 ±5%			4.0	9.0	13.0	10.0	495-1201-ND	.49	3.35	23.65	B32521C3154J	
	0.15 ±5%			5.0	10.5	18.0	15.0	495-1198-ND	.50	3.71	26.50	B32522C3154J	
	0.15 ±5%			5.0	10.0	7.5	5.0	495-1200-ND	.38	2.57	18.15	B32529C3154J	
	0.15 ±10%			5.0	10.0	7.5	5.0	495-2535-ND	.30	2.21	15.75	B32529C3154K	
	0.22 ±5%			5.0	11.0	13.0	10.0	495-1203-ND	.48	3.50	25.00	B32521C3224J	
	0.22 ±10%			5.0	11.0	13.0	10.0	495-2439-ND	.46	3.36	24.00	B32521C3224K	
	0.22 ±5%			5.0	10.5	18.0	15.0	495-1202-ND	.50	3.71	26.50	B32529C3224J	
	0.33 ±5%			7.8	13.0	7.8	5.0	495-1204-ND	.46	3.40	24.25	B32529C3224J	
	0.33 ±5%			5.0	11.0	13.0	10.0	495-1206-ND	.56	4.10	29.25	B32521C3334J	
	0.33 ±5%			5.0	10.5	18.0	15.0	495-1205-ND	.57	4.24	30.25	B32522C3334J	
	0.47 ±5%			6.0	12.0	13.0	10.0	495-1208-ND	.72	5.29	37.75	B32521C3474J	
	0.47 ±10%			6.0	12.0	13.0	10.0	495-2440-ND	.68	5.04	36.00	B32521C3474K	
	0.47 ±5%			6.0	11.0	18.0	15.0	495-1207-ND	.72	5.29	37.75	B32522C3474J	
	0.68 ±5%			7.0	12.5	18.0	15.0	495-1209-ND	.81	6.09	44.42	B32522C3684J	
	1.0 ±5%			8.5	14.5	18.0	15.0	495-1210-ND	.87	6.50	47.71	B32522C3105J	
	1.0 ±5%			8.5	14.5	18.0	15.0	495-2450-ND	.92	6.76	48.25	B32522C3105K	
	1.5 ±5%			8.5	14.5	18.0	15.0	495-1211-ND	.77	5.70	41.83	B32522N3105J	
	1.5 ±5%			9.0	17.5	18.0	15.0	495-2451-ND	1.30	9.56	68.25	B32522C3155K	
	3.3 ±5%			11.0	20.5	26.5	22.5	495-2454-ND	2.33	19.19	122.75	B32529C3335J	
	0.001 ±5%			2.5	7.0	10.0	7.5	495-1212-ND	.29	2.21	14.88	B32529C06102J	
	0.001 ±5%			2.5	6.5	7.2	5.0	495-1213-ND	.18	1.38	9.30	B32529C06102J	
	0.001 ±10%			2.5	6.5	7.2	5.0	495-2564-ND	.14	1.02	7.25	B32529C06102K	
	0.002 ±5%			2.5	7.0	10.0	7.5	495-1216-ND	.29	2.21	14.88	B32529C06222J	
	0.002 ±5%			2.5	6.5	7.2	5.0	495-1217-ND	.18	1.38	9.30	B32529C06222J	
	0.002 ±10%			2.5	6.5	7.2	5.0	495-2573-ND	.14	1.02	7.25	B32529C06222K	
	0.003 ±5%			2.5	7.0	10.0	7.5	495-1218-ND	.29	2.21	14.88	B32529C06332J	
	0.003 ±5%			2.5	6.5	7.2	5.0	495-1219-ND	.18	1.38	9.30	B32529C06332J	
	0.003 ±10%			2.5	6.5	7.2	5.0	495-2575-ND	.14	1.02	7.25	B32529C06332K	
0.004 ±5%	2.5			7.0	10.0	7.5	495-1221-ND	.29	2.21	14.88	B32529C06472J		
0.0047 ±													



金属化聚酯膜电容器
MKT 系列 (接上页)



WV (DC)	WV (AC)	电容 (μF)	容差	尺寸 (mm)				Digi-Key 零件编号	Epcos 零件编号		
				b	h	L	e		数量	价格	
100	63	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	±5%	3.5	8.0	7.2	5.0	495-2491-3-ND	2,300	78.00/M	B32529C1224J289
		0.22	±10%	3.5	8.0	7.2	5.0	495-2492-3-ND	2,300	75.00/M	B32529C1224K289
		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	±5%	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	±5%	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	495-2535-3-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	±5%	2.5	6.5	7.2	5.0	495-2572-3-ND	3,200	49.00/M	B32529C6222J289		
0.0022	±10%	2.5	6.5	7.2	5.0	495-2573-3-ND	3,200	47.00/M	B32529C6222K289		
0.0033	±10%	2.5	6.5	7.2	5.0	495-2575-3-ND	3,200	47.00/M	B32529C6332K289		
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%	5.0	11.0	13.0	10.0	495-2446-3-ND	830	112.05	B32521C6473K289		
0.10	±10%	6.0	12.0	13.0	10.0	495-2444-3-ND	680	115.60	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	B32529C8332K289		

† 带卷

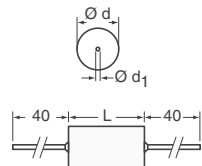
MKT 线绕系列

- 电介质: 聚对苯二甲酸乙二醇酯 (PET 聚酯) • 圆柱线圈型 • 绝缘套
- 表面端部使用环氧树脂密封

应用:

- 平滑 • 滤波

技术规格:
• 工作温度范围: -40°C ~ 100°C • DC 测试电压: 2 秒 1.4 V_R • 公差: ±10%



WV (DC)	WV (AC)	电容 (μF)	尺寸 (mm)			Digi-Key 零件编号	价格			Epcos 零件编号
			Ød	Ød ₁	L		1	10	100	
100	63	0.10	6.0	0.6	14.0	495-3516-ND	.86	6.37	45.50	B32232A1104K
		0.15	6.0	0.6	14.0	495-3518-ND	.85	6.25	44.63	B32232A1154K
		0.22	6.0	0.6	14.0	495-3520-ND	.91	6.70	47.83	B32232A1224K
		0.33	6.0	0.6	19.0	495-3522-ND	.60	4.45	31.75	B32232A1334K
		0.47	6.5	0.6	19.0	495-3524-ND	1.11	8.17	58.33	B32232A1474K
		0.68	7.0	0.6	19.0	495-3526-ND	.72	5.29	37.75	B32232A1684K
		1.0	8.5	0.8	19.0	495-3517-ND	1.12	8.40	63.00	B32232A1105K
		1.5	8.0	0.8	27.0	495-3519-ND	1.40	10.50	78.75	B32232A1155K
		2.2	9.5	0.8	27.0	495-3521-ND	1.87	14.00	105.01	B32232A1225K
		3.3	11.5	0.8	27.0	495-3523-ND	2.45	18.55	140.00	B32232A1335K
		4.7	12.0	0.8	32.0	495-3525-ND	2.86	21.64	163.34	B32232A1475K
		6.8	14.0	0.8	32.0	495-3527-ND	4.08	30.92	233.34	B32232A1685K
250	160	0.10	6.0	0.6	14.0	495-3528-ND	.94	6.94	49.58	B32232A3104K
		0.22	6.0	0.6	19.0	495-3530-ND	.95	7.14	53.55	B32232A3224K
		0.33	8.0	0.8	19.0	495-3532-ND	.66	4.83	34.50	B32232A3334K
		0.47	7.5	0.8	19.0	495-3534-ND	.95	7.14	53.55	B32232A3474K
		0.68	8.0	0.8	27.0	495-3536-ND	.78	5.74	41.00	B32232A3684K
		1.0	10.0	0.8	27.0	495-3529-ND	1.40	10.50	78.75	B32232A3105K
		2.2	10.5	0.8	32.0	495-3531-ND	2.33	17.50	131.24	B32232A3225K
		3.3	14.0	0.8	32.0	495-3533-ND	2.86	21.64	163.34	B32232A3335K
		4.7	16.5	0.8	32.0	495-3535-ND	1.89	14.31	108.00	B32232A3475K
		6.8	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	0.8	27.0	495-3540-ND	1.17	8.75	65.63	B32232A6474K		
0.68	11.5	0.8	32.0	495-3541-ND	.93	6.86	49.00	B32232A6684K		
630	200	0.033	6.5	0.6	19.0	495-3546-ND	.62	4.59	32.75	B32232A8333K
		0.047	7.5	0.8	19.0	495-3547-ND	.66	4.87	34.75	B32232A8473K
		0.10	10.5	0.8	19.0	495-3542-ND	.66	4.87	34.75	B32232A8104K
		0.15	10.0	0.8	27.0	495-3544-ND	.67	4.97	35.50	B32232A8154K
		0.22	11.5	0.8	27.0	495-3545-ND	1.07	8.05	60.37	B32232A8224K
		0.47	14.5	0.8	32.0	495-3548-ND	.86	6.48	48.60	B32232A8474K
		1.0	16.0	0.8	32.0	495-3543-ND	1.35	10.11	75.83	B32232A8105K

金属化聚丙烯膜电容器 - MKP 系列 - 环氧树脂涂层的脉冲应用

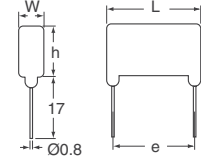


结构:
• 电介质: 聚丙烯 • 缠绕电容器技术 • 环氧树脂涂层 (UL 94V-0)

特点:
• 抗脉冲强度高

应用:
• TV (S 修正、回扫) • 电子镇流器

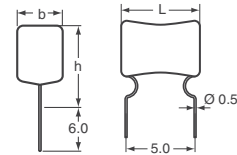
技术规格:
• 工作温度范围: -55°C ~ 110°C • DC 测试电压: 2 秒 1.6 V_R • 公差: ±5%



WV (DC)	WV (AC)	电容 (μF)	尺寸 (mm)				Digi-Key 零件编号	价格			Epcos 零件编号
			W	h	L	e		1	10	100	
250	160	0.22	7.0	14.5	26.5	22.5	495-3599-ND	.52	3.82	27.25	B32613A3224J008
		0.33	7.0	14.5	26.5	22.5	495-3600-ND	.57	4.20	30.00	B32613A3334J008
		0.47	9.5	16.0	18.0	15.0	495-3565-ND	.58	4.27	30.00	B32612A3474J008
		0.47	7.0	15.0	31.5	27.5	495-3628-ND	1.08	8.07	60.53	B32614A3474J008
		0.68	11.5	17.5	18.0	15.0	495-3566-ND	.67	4.97	35.50	B32612A3684J008
		0.68	8.0	16.5	31.5	27.5	495-3629-ND	1.19	8.94	67.05	B32614A3684J008
		1.0	9.5	17.5	31.5	27.5	495-3626-ND	1.30	9.78	73.35	B32614A3105J008
		2.2	14.0	22.0	31.5	27.5	495-3627-ND	1.87	14.04	105.30	B32614A3225J008
		0.068	6.5	12.0	18.0	15.0	495-3571-ND	.41	3.01	21.50	B32612A4683J008
		0.1	7.0	12.5	18.0	15.0					



金属化聚酯薄膜电容器 - Mini-Blue 系列 MKT - 套有可热缩管



EPCOS Mini-Blue 电容器系列可用于多种用途, 包括 DSL、节能灯、小型荧光灯、消费电子产品和报警系统 (包括动作传感器和入户/冒烟/火灾警报)。EPCOS Mini-Blue 电容器的一个优点是尺寸小, 适合电路板空间有限的场合, 与相同电压和额定电容的盒装电容器相比, 占用电路板的空间大为减少。Mini-Blue 的独特堆叠结构使其能够耐受较高的脉冲强度 (高 DV/DT)。

结构: • 电介质: 聚对苯二甲酸乙二醇酯 (聚酯) • 层叠薄膜技术 • 5mm 引线间距 • 热缩管: 聚酯 (100 μ m, 125 $^{\circ}$ C) 端子: • 平行引线 - 镀锡 特点: • 尺寸极小 • 自我复原特性 • 脉冲强度高 技术规格: • 工作温度范围: -55 $^{\circ}$ C - 125 $^{\circ}$ C • 气候类别: 55/125/56

封装

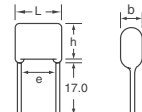
WV (DC)	WV (AC)	电容 (μF)	容差	尺寸 (mm)			Digi-Key 零件编号	价格		Epcos 零件编号	
				b	h	L		1	100		
63	40	.22	±10%	3.0	10.0	7.0	495-2814-ND	11	86	7.34	B32559C224K000
		.33	±10%	3.0	10.0	7.0	495-2816-ND	15	110	9.37	B32559C334K000
		.47	±10%	3.5	10.5	7.0	495-2818-ND	17	126	10.67	B32559C474K000
		.68	±10%	3.5	12.0	7.0	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	6.63	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
		.0015	±10%	3.0	12.0	7.0	495-2890-ND	11	84	7.16	B32559C8120K000
		.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	B32559C8222K000
		.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

带盒

WV (DC)	WV (AC)	电容 (μF)	容差	尺寸 (mm)			Digi-Key 零件编号	弹带包装		Epcos 零件编号
				b	h	L		数量	价格	
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	2,800	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	B32559C8222K289
		.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

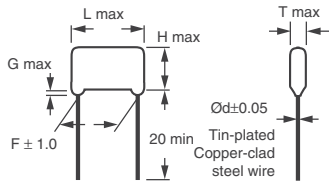
金属化聚酯膜电容器

MKT - 环氧树脂涂层



结构: • 电介质: 聚对苯二甲酸乙二醇酯 (PET 聚酯) • 环氧树脂涂层 (UL 94V-0) 端子: • 无铅镀锡直引线, 引线长度 17mm 特点: • 脉冲强度高 • 接触可靠性高 技术规格: • 最大工作温度: 125 $^{\circ}$ C • 气候类别 (IEC 60068-1): 55/100/56 典型应用: • 紧凑型荧光灯 (C

Panasonic ECQ-E (B) 系列 微型金属化聚酯膜电容器



ECQ-E (B) 型系列是流行的 ECQ-E (F) 系列的微缩型。它在更小的封装中提供类似的电子特性。

特点:

• 非电感性构造 • 缠绕式金属化聚酯膜介质

应用:

• 阻断、旁通、滤波、计时、干扰抑制和低脉冲应用。

技术规格:

• 工作温度范围: -40°C ~ 85°C • 额定电压: 250VDC
 • 电容公差: 在 1kHz 时为 ±10% (K) • 耗散因数: ≤1.0% (20°C, 1kHz) • 耐受电压: 250VDCX150%。端子间持续 60 秒 • 绝缘电阻: 在 100VDC、20°C 条件下持续 60 秒 ≥9,000MΩ (C ≤ 0.33μF); 在 100VDC、20°C 条件下持续 60 秒 ≥300MΩ (C > 0.33μF)

电压 (VDC)	电容 (μF)	尺寸 (mm)							Digi-Key 零件编号	价格				Panasonic 零件编号
		L	T	H	F	G	ød	1		10	100	500	1,000	
250	0.01	7.9	4.2	7.1	5.0	1.0	0.5	P10955-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2103KB
	0.012	7.9	4.2	7.1	5.0	1.0	0.5	P10956-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2123KB
	0.015	7.9	4.2	7.1	5.0	1.0	0.5	P10957-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2153KB
	0.018	7.9	4.3	7.2	5.0	1.0	0.5	P10958-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2183KB
	0.022	7.9	4.3	7.2	5.0	1.0	0.5	P10959-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2223KB
	0.027	7.9	4.3	7.2	5.0	1.0	0.5	P10960-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2273KB
	0.033	7.9	4.3	7.2	5.0	1.0	0.5	P10961-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2333KB
	0.039	7.9	4.5	7.4	5.0	1.0	0.5	P10962-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2393KB
	0.047	7.9	4.5	7.4	5.0	1.0	0.5	P10963-ND	.25	1.68	11.88	41.04	65.00	ECQ-E2473KB
	0.056	7.9	4.7	7.7	5.0	1.0	0.5	P10964-ND	.30	2.06	14.52	50.16	79.00	ECQ-E2563KB
	0.068	7.9	5.1	8.0	5.0	1.0	0.5	P10965-ND	.25	1.85	13.20	47.52	74.00	ECQ-E2683KB
	0.082	7.9	5.4	8.6	5.0	1.0	0.5	P10966-ND	.27	2.02	14.40	51.84	81.00	ECQ-E2823KB
	0.1	7.9	5.9	9.0	5.0	1.0	0.5	P10967-ND	.30	2.02	14.27	49.31	78.00	ECQ-E2104KB
	0.12	7.9	5.7	10.6	5.0	1.0	0.5	P10968-ND	.32	2.35	16.80	60.48	94.00	ECQ-E2124KB
	0.15	7.9	6.3	11.2	5.0	1.0	0.5	P10969-ND	.34	2.49	17.78	63.99	100.00	ECQ-E2154KB
	0.18	10.3	5.0	9.7	7.5	1.0	0.5	P10970-ND	.36	2.62	18.73	67.41	105.00	ECQ-E2184KB
	0.22	10.3	5.4	10.1	7.5	1.0	0.5	P10971-ND	.37	2.72	19.45	70.02	109.00	ECQ-E2224KB
	0.27	10.3	5.9	10.8	7.5	1.0	0.5	P10972-ND	.43	3.19	22.80	82.08	128.00	ECQ-E2274KB
	0.33	10.3	6.4	11.3	7.5	1.0	0.5	P10973-ND	.47	3.46	24.73	89.01	138.00	ECQ-E2334KB
	0.39	12.3	5.7	10.9	10.0	1.0	0.6	P10974-ND	.46	3.44	25.29	91.46	145.00	ECQ-E2394KB
	0.47	12.3	6.2	11.4	10.0	1.0	0.6	P10975-ND	.42	3.14	23.03	83.30	132.00	ECQ-E2474KB
	0.56	12.3	6.7	11.9	10.0	1.0	0.6	P10976-ND	.54	4.03	29.56	106.93	170.00	ECQ-E2564KB
	0.68	12.3	7.3	12.7	10.0	1.0	0.6	P10977-ND	.59	4.43	32.50	117.56	187.00	ECQ-E2684KB
	0.82	15.3	6.3	13.3	12.5	1.0	0.6	P10978-ND	.66	4.92	36.10	130.56	207.00	ECQ-E2824KB
	1.0	15.3	7.0	14.0	12.5	1.0	0.6	P10979-ND	.53	3.93	28.88	104.47	166.00	ECQ-E2105KB
	1.2	15.3	7.6	14.6	12.5	1.0	0.6	P10980-ND	.78	5.81	42.65	154.28	245.00	ECQ-E2125KB
	1.5	15.3	8.6	15.7	12.5	1.0	0.6	P10981-ND	.91	6.83	51.21	182.08	303.00	ECQ-E2155KB
	1.8	20.8	7.6	14.6	17.5	1.0	0.8	P10982-ND	1.00	7.52	56.39	200.48	333.00	ECQ-E2185KB
	2.2	20.8	8.4	15.6	17.5	1.0	0.8	P10983-ND	1.10	8.27	62.01	220.48	367.00	ECQ-E2225KB
	2.7	20.8	9.3	16.7	17.5	1.0	0.8	P10984-ND	1.24	9.33	70.00	248.88	414.00	ECQ-E2275KB
3.3	20.8	10.5	17.9	17.5	1.0	0.8	P10985-ND	1.51	11.29	84.69	301.12	501.00	ECQ-E2335KB	
3.9	20.8	10.8	19.8	17.5	1.0	0.8	P10986-ND	2.13	16.10	121.54	455.78	790.00	ECQ-E2395KB	
4.7	20.8	11.9	21.0	17.5	1.0	0.8	P10987-ND	2.36	17.88	134.98	506.18	877.00	ECQ-E2475KB	

◆ 符合 RoHS 规范要求

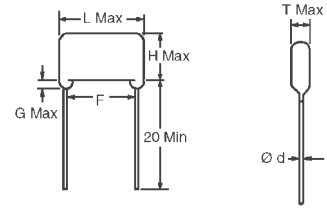
Panasonic ECQ-E (F) 系列 微型金属化聚酯膜电容器

ECQ-E (F) 型系列使用具有高介电常数 (ε) 的双面金属化聚酯膜。体积小且电容大。是满足专业电路设计高要求经济电容器。

特点: • 自我修复特性 • 阻燃环氧树脂涂层

应用: • 阻断 • 旁通 • 滤波 • 计时 • 干扰抑制 • 低脉冲应用

技术规格: • 参考标准: JIS C5115, C5151 • 工作温度范围: -40°C ~ 85°C (105°C, 额定电压的 75%) • 额定电压: 100V、250V、400V、630V • 电容公差: ±10% (K) • 耗散因数: 1.0% 最大 (20°C 1kHz) • 耐受电压: 额定电压 DC100V ~ 630V (VDC)X150%。在端子间持续 1 分钟 • 绝缘电阻: DC100V ~ 630V: C ≤ 0.33μF 9,000MΩ 最小, C > 0.33μF 3,000ΩμF 最小



工作电压 (VDC)	电容 (μF)	尺寸 (mm)							Digi-Key 零件编号	价格				Panasonic 零件编号	
		L	T	H	F	G	ød	1		10	100	500	1,000		
100	.01	7.8	4.6	7.7	5.0	1.0	0.5	EF1103-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1103KF	
	.012	7.8	4.5	7.6	5.0	1.0	0.5	EF1123-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1123KF	
	.015	7.8	4.5	7.6	5.0	1.0	0.5	EF1153-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1153KF	
	.018	7.8	4.6	7.7	5.0	1.0	0.5	EF1183-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1183KF	
	.022	7.8	4.9	8.0	5.0	1.0	0.5	EF1223-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1223KF	
	.027	7.8	4.7	7.8	5.0	1.0	0.5	EF1273-ND	.42	3.12	22.25	80.10	125.00	ECQ-E1273KF	
	.033	7.8	4.6	7.7	5.0	1.0	0.5	EF1333-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1333KF	
	.039	7.8	4.9	8.0	5.0	1.0	0.5	EF1393-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1393KF	
	.047	7.8	4.5	7.5	5.0	1.0	0.5	EF1473-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1473KF	
	.056	7.8	4.8	7.9	5.0	1.0	0.5	EF1563-ND	.42	3.12	22.25	80.10	125.00	ECQ-E1563KF	
	.068	7.8	4.8	7.9	5.0	1.0	0.5	EF1683-ND	.42	3.12	22.25	80.10	125.00	ECQ-E1683KF	
	.082	7.8	4.7	9.9	5.0	1.0	0.5	EF1823-ND	.42	3.12	22.25	80.10	125.00	ECQ-E1823KF	
	.1	7.8	5.0	10.0	5.0	1.0	0.5	EF1104-ND	.42	3.12	22.25	80.10	124.60	ECQ-E1104KF	
	.12	7.8	4.5	7.5	7.5	1.0	0.6	EF1154-ND	.46	3.38	25.00	84.60	134.40	ECQ-E1154KF	
	.15	10.3	4.5	7.5	7.5	1.0	0.6	EF1154-ND	.46	3.38	25.00	86.40	134.40	ECQ-E1154KF	
	.18	10.3	4.8	7.9	7.5	1.0	0.6	EF1184-ND	.49	3.64	26.00	93.60	145.60	ECQ-E1184KF	
	.22	10.3	5.0	8.0	7.5	1.0	0.6	EF1224-ND	.52	3.85	27.50	99.00	154.00	ECQ-E1224KF	
	.27	10.3	4.5	12.0	7.5	1.0	0.6	EF1274-ND	.57	4.20	30.00	108.00	168.00	ECQ-E1274KF	
	.33	10.3	6.0	10.7	7.5	1.0	0.6	EF1334-ND	.65	4.76	34.00	122.40	190.40	ECQ-E1334KF	
	.39	10.3	6.3	11.0	7.5	1.0	0.6	EF1394-ND	.67	4.90	35.00	126.00	196.00	ECQ-E1394KF	
	.47	10.3	6.0	12.0	7.5	1.0	0.6	EF1474-ND	.69	5.11	36.50	131.40	204.40	ECQ-E1474KF	
	.56	12.0	5.5	10.9	10.0	1.0	0.6	EF1564-ND	.73	5.44	39.95	144.50	230.00	ECQ-E1564KF	
	.68	12.0	6.0	11.9	10.0	1.0	0.6	EF1684-ND	.83	6.18	45.36	164.05	261.00	ECQ-E1684KF	
	.82	12.0	6.0	13.5	10.0	1.0	0.6	EF1824-ND	.91	6.75	49.59	179.35	285.00	ECQ-E1824KF	
	1.0	12.0	6.7	14.0	10.0	1.0	0.6	EF1105-ND	.99	7.36	54.05	195.50	310.50	ECQ-E1105KF	
	1.2	18.5	5.5	12.8	15.0	1.0	0.6	EF1125-ND	.42	1.14	62.51	226.10	359.10	ECQ-E1125KF	
	1.5	18.5	6.0	13.4	15.0	1.0	0.8	EF1155-ND	.42	1.14	64.40	228.96	380.65	ECQ-E1155KF	
	1.8	18.5	6.5	14.4	15.0	1.0	0.8	EF1185-ND	.42	1.14	77.40	275.20	457.52	ECQ-E1185KF	
	2.2	18.5	7.0	15.0	15.0	1.0	0.8	EF1225-ND	.42	1.14	87.75	312.00	518.70	ECQ-E1225KF	
	2.7	18.5	8.0	15.8	15.0	1.0	0.8	EF1275-ND	.42	1.14	99.90	355.20	590.52	ECQ-E1275KF	
3.3	18.5	8.5	16.5	15.0	1.0	0.8	EF1335-ND	.42	1.14	126.90	451.20	750.12	ECQ-E1335KF		
3.9	26.0	7.0	16.4	22.5	1.0	0.8	EF1395-ND	.42	1.14	128.20	480.75	833.30	ECQ-E1395KF		
4.7	26.0	7.5	17.0	22.5	1.0	0.8	EF1475-ND	.42	1.14	191.19	644.25	941.20	ECQ-E1475KF		
5.6	26.0	8.3	17.5	22.5	1.0	0.8	EF1565-ND	.42	1.14	171.80	644.25	1117.00	ECQ-E1565KF		
6.8	26.0	9.0	18.5	22.5	1.0	0.8	EF1685-ND	.42	1.14	195.20	732.00	1269.00	ECQ-E1685KF		
8.2	26.0	10.0	20.0	22.5	1.5	0.8	EF1825-ND	.42	1.14	3.94	29.81	225.00	843.75	1463.00	ECQ-E1825KF
10.0	26.0	11.5	21.0	22.5	1.5	0.8	EF1106-ND	.42	1.14	4.58	34.69	261.80	981.75	1701.00	ECQ-E1106KF
250	.01	10.3	4.3	7.4	7.5	1.0	0.6	EF2103-ND	.23	1.71	12.23	44.01	68.00	ECQ-E2103KF	
	.012	10.3	4.4	7.5	7.5	1.0	0.6	EF2123-ND	.23	1.91	13.45	46.46	73.00	ECQ-E2123KF	
	.015	10.3	4.4	7.5	7.5	1.0	0.6	EF2153-ND	.23	1.91	13.45	46.46	73.00	ECQ-E2153KF	
	.018	10.3	4.4	7.5	7.5	1.0	0.6	EF2183-ND	.23	1.91	13.45	46.46	73.00	ECQ-E2183KF	
	.022	10.3	4.4	7.5	7.5	1.0	0.6	EF2223-ND	.23	1.91	12.23	44.01	68.00	ECQ-E2223KF	
	.027	10.3	4.4	7.5	7.5	1.0	0.6	EF2273-ND	.23	1.91	13.45	46.46	73.00	ECQ-E2273KF	
	.033	10.3	4.5	7.5	7.5	1.0	0.6	EF2333-ND	.23	1.71	12.23	44.01	68.00	ECQ-E2333KF	
	.039	10.3	4.5	7.5	7.5	1.0	0.6	EF2393-ND	.23	1.91	13.45	46.46	73.00	ECQ-E2393KF	
	.047	10.3	4.5	7.5	7.5	1.0	0.6	EF2473-ND							

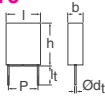
Panasonic ECQ-E (F) 系列 微型金属化聚酯膜电容器 (接上页)

工作电压 (VDC)	电容 (μF)	尺寸 (mm)						Digi-Key 零件编号	1	10	价格 100	500	1,000	Panasonic 零件编号	
		L	T	H	F	G	od								
250	.15	10.3	6.0	10.8	7.5	1.0	0.6	EF2154-ND	.32	2.33	16.65	59.94	93.00	ECQ-E2154KF	
	.18	12.0	5.0	10.3	10.0	1.0	0.6	EF2184-ND	.38	2.80	20.03	72.09	112.00	ECQ-E2184KF	
	.22	12.0	5.5	10.5	10.0	1.0	0.6	EF2224-ND	.40	2.91	20.80	74.88	116.00	ECQ-E2224KF	
	.27	12.0	6.0	11.5	10.0	1.0	0.6	EF2274-ND	.43	3.17	22.63	81.45	127.00	ECQ-E2274KF	
	.33	12.0	6.5	12.0	10.0	1.0	0.6	EF2334-ND	.40	3.00	22.00	79.56	126.00	ECQ-E2334KF	
	.39	18.5	4.9	12.0	15.0	1.0	0.6	EF2394-ND	.51	3.83	28.11	101.66	161.00	ECQ-E2394KF	
	.47	18.5	5.3	12.5	15.0	1.0	0.6	EF2474-ND	.51	3.83	28.11	101.66	161.00	ECQ-E2474KF	
	.56	18.5	5.5	13.0	15.0	1.0	0.6	EF2564-ND	.53	3.93	28.86	104.38	166.00	ECQ-E2564KF	
	.68	18.5	6.0	13.5	15.0	1.0	0.8	EF2684-ND	.54	3.99	29.33	106.08	168.00	ECQ-E2684KF	
	.82	18.5	6.5	14.5	15.0	1.0	0.8	EF2824-ND	.56	4.16	30.55	110.50	176.00	ECQ-E2824KF	
	1.0	18.5	7.4	15.0	15.0	1.0	0.8	EF2105-ND	.58	4.33	31.77	114.92	183.00	ECQ-E2105KF	
	1.2	18.5	8.0	15.9	15.0	1.0	0.8	EF2125-ND	.72	5.32	39.10	141.44	225.00	ECQ-E2125KF	
	1.5	18.5	9.0	16.8	15.0	1.0	0.8	EF2155-ND	.75	5.62	42.12	149.76	249.00	ECQ-E2155KF	
	1.8	26.0	7.5	15.5	22.5	1.0	0.8	EF2185-ND	.96	7.18	53.82	191.36	318.00	ECQ-E2185KF	
	2.2	26.0	8.5	16.3	22.5	1.0	0.8	EF2225-ND	.92	6.86	51.48	183.04	304.00	ECQ-E2225KF	
	2.7	26.0	9.4	17.0	22.5	1.0	0.8	EF2275-ND	1.17	8.80	65.99	234.64	390.00	ECQ-E2275KF	
	3.3	26.0	10.3	18.0	22.5	1.5	0.8	EF2335-ND	1.19	8.89	66.69	237.12	394.00	ECQ-E2335KF	
	3.9	26.0	11.0	20.5	22.5	1.5	0.8	EF2395-ND	1.14	8.60	64.90	243.38	422.00	ECQ-E2395KF	
	4.7	26.0	12.0	21.5	22.5	1.5	0.8	EF2475-ND	1.27	9.65	72.80	273.00	473.00	ECQ-E2475KF	
	5.6	31.0	11.8	21.0	27.5	1.5	0.8	EF2565-ND	2.18	16.51	124.60	467.25	810.00	ECQ-E2565KF	
	6.8	31.0	13.0	22.4	27.5	1.5	0.8	EF2685-ND	2.32	17.56	132.50	496.88	861.00	ECQ-E2685KF	
	8.2	31.0	14.3	23.5	27.5	1.5	0.8	EF2825-ND	2.50	18.96	143.12	536.70	930.00	ECQ-E2825KF	
	10.0	31.0	15.9	25.8	27.5	1.5	0.8	EF2106-ND	4.48	33.90	255.84	959.40	1663.00	ECQ-E2106KF	
	400	.01	10.3	4.3	7.4	7.5	1.0	0.6	EF4103-ND	.27	1.97	14.05	50.58	79.00	ECQ-E4103KF
		.012	10.3	4.4	7.5	7.5	1.0	0.6	EF4123-ND	.27	1.97	14.05	50.58	79.00	ECQ-E4123KF
.015		10.3	4.4	7.5	7.5	1.0	0.6	EF4153-ND	.27	1.97	14.05	50.58	79.00	ECQ-E4153KF	
.018		10.3	4.4	7.5	7.5	1.0	0.6	EF4183-ND	.27	1.97	14.05	50.58	79.00	ECQ-E4183KF	
.022		10.3	4.8	7.9	7.5	1.0	0.6	EF4223-ND	.48	3.50	25.00	90.00	140.00	ECQ-E4223KF	
.027		10.3	5.5	8.0	7.5	1.0	0.6	EF4273-ND	.48	3.50	25.00	90.00	140.00	ECQ-E4273KF	
.033		10.3	6.0	9.0	7.5	1.0	0.6	EF4333-ND	.48	3.50	25.00	90.00	140.00	ECQ-E4333KF	
.039		12.0	4.9	8.0	10.0	1.0	0.6	EF4393-ND	.40	2.94	21.00	75.60	118.00	ECQ-E4393KF	
.047		12.0	5.0	8.3	10.0	1.0	0.6	EF4473-ND	.48	3.50	25.00	90.00	140.00	ECQ-E4473KF	
.056		12.0	5.0	10.0	10.0	1.0	0.6	EF4563-ND	.49	3.61	25.75	92.70	144.00	ECQ-E4563KF	
.068		12.0	5.4	10.5	10.0	1.0	0.6	EF4683-ND	.55	4.08	29.13	104.85	163.00	ECQ-E4683KF	
.082		12.0	5.8	11.0	10.0	1.0	0.6	EF4823-ND	.51	3.75	26.80	96.48	150.00	ECQ-E4823KF	
.1		12.0	6.3	12.0	10.0	1.0	0.6	EF4104-ND	.53	3.92	28.00	100.80	157.00	ECQ-E4104KF	
.12		18.5	5.0	10.0	15.0	1.0	0.6	EF4124-ND	.55	4.06	29.82	107.87	171.00	ECQ-E4124KF	
.15		18.5	5.0	12.4	15.0	1.0	0.6	EF4154-ND	.56	4.20	30.81	111.44	177.00	ECQ-E4154KF	
.18		18.5	5.4	12.5	15.0	1.0	0.6	EF4184-ND	.60	4.46	32.76	118.49	188.00	ECQ-E4184KF	
.22		18.5	5.9	13.0	15.0	1.0	0.6	EF4224-ND	.70	5.23	38.38	138.81	220.00	ECQ-E4224KF	
.27		18.5	6.5	14.3	15.0	1.0	0.8	EF4274-ND	.71	5.26	38.63	139.74	220.00	ECQ-E4274KF	
.33		18.5	7.0	14.9	15.0	1.0	0.8	EF4334-ND	.76	5.66	41.55	150.28	239.00	ECQ-E4334KF	
.39		18.5	7.5	15.4	15.0	1.0	0.8	EF4394-ND	.83	6.16	45.21	163.54	260.00	ECQ-E4394KF	
.47		18.5	7.8	17.0	15.0	1.0	0.8	EF4474-ND	.95	7.06	51.82	187.43	298.00	ECQ-E4474KF	
.56		26.0	6.5	16.0	22.5	1.0	0.8	EF4564-ND	.96	7.18	53.82	191.36	318.00	ECQ-E4564KF	
.68		26.0	7.0	16.5	22.5	1.0	0.8	EF4684-ND	.77	5.77	43.29	153.92	256.00	ECQ-E4684KF	
.82		26.0	7.9	17.3	22.5	1.0	0.8	EF4824-ND	1.10	8.27	62.01	220.48	367.00	ECQ-E4824KF	
1.0		26.0	8.5	18.9	22.5	1.0	0.8	EF4105-ND	1.17	8.77	65.77	233.84	389.00	ECQ-E4105KF	
1.2	26.0	9.5	18.9	22.5	1.0	0.8	EF4125-ND	1.77	13.39	101.08	379.05	657.00	ECQ-E4125KF		
1.5	31.0	9.5	19.0	27.5	1.0	0.8	EF4155-ND	2.28	17.23	130.00	487.50	845.00	ECQ-E4155KF		
1.8	31.0	11.0	20.5	27.5	1.5	0.8	EF4185-ND	2.28	17.23	130.00	487.50	845.00	ECQ-E4185KF		
2.2	31.0	11.0	22.0	27.5	1.5	0.8	EF4225-ND	2.94	22.23	167.78	629.18	1091.00	ECQ-E4225KF		
630	.01	12.0	4.5	7.5	10.0	1.0	0.6	EF6103-ND	.32	2.37	16.90	60.84	95.00	ECQ-E6103KF	
	.012	12.0	4.5	7.8	10.0	1.0	0.6	EF6123-ND	.40	2.95	21.08	75.87	118.00	ECQ-E6123KF	
	.015	12.0	5.0	8.2	10.0	1.0	0.6	EF6153-ND	.44	3.28	23.40	84.24	131.00	ECQ-E6153KF	
	.018	12.0	4.9	10.0	10.0	1.0	0.6	EF6183-ND	.45	3.35	23.93	86.13	134.00	ECQ-E6183KF	
	.022	12.0	5.3	10.5	10.0	1.0	0.6	EF6223-ND	.46	3.42	24.45	88.02	137.00	ECQ-E6223KF	
	.027	12.0	5.5	10.9	10.0	1.0	0.6	EF6273-ND	.47	3.46	24.70	88.92	138.00	ECQ-E6273KF	
	.033	12.0	6.0	11.9	10.0	1.0	0.6	EF6333-ND	.49	3.59	25.68	92.43	144.00	ECQ-E6333KF	
	.039	12.0	6.0	13.4	10.0	1.0	0.6	EF6393-ND	.48	3.53	25.23	90.81	141.00	ECQ-E6393KF	
	.047	12.0	6.5	13.5	10.0	1.0	0.6	EF6473-ND	.48	3.53	25.23	90.81	141.00	ECQ-E6473KF	
	.056	18.5	5.4	10.5	15.0	1.0	0.6	EF6563-ND	.48	3.60	26.41	95.54	152.00	ECQ-E6563KF	
	.068	18.5	5.8	11.0	15.0	1.0	0.6	EF6683-ND	.50	3.73	27.38	99.03	157.00	ECQ-E6683KF	
	.082	18.5	6.5	12.0	15.0	1.0	0.6	EF6823-ND	.51	3.83	28.11	101.66	161.00	ECQ-E6823KF	
	.1	18.5	6.3	14.0	15.0	1.0	0.6	EF6104-ND	.55	4.13	30.32	109.65	174.00	ECQ-E6104KF	
	.12	18.5	6.3	14.5	15.0	1.0	0.8	EF6124-ND	.58	4.29	31.54	114.07	181.00	ECQ-E6124KF	
	.15	18.5	7.5	15.4	15.0	1.0	0.8	EF6154-ND	.60	4.49	32.99	119.34	190.00	ECQ-E6154KF	
	.18	18.5	8.0	16.0	15.0	1.0	0.8	EF6184-ND	.84	6.22	45.71	165.33	263.00	ECQ-E6184KF	
	.22	18.5	9.0	16.5	15.0	1.0	0.8	EF6224-ND	.89	6.66	48.88	176.80	281.00	ECQ-E6224KF	
	.27	26.0	7.0	16.5	22.5	1.0	0.8	EF6274-ND	.85	6.40	47.97	170.56	284.00	ECQ-E6274KF	
	.33	26.0	7.8	17.0	22.5	1.0	0.8	EF6334-ND	.87	6.55	49.14	174.72	290.00	ECQ-E6334KF	
	.39	26.0	8.5	17.9	22.5	1.0	0.8	EF6394-ND	1.09	8.18	61.31	218.00	362.00	ECQ-E6394KF	
	.47	26.0	9.3	18.5	22.5	1.0	0.8	EF6474-ND	1.23	9.24	69.28	246.32	410.00	ECQ-E6474KF	
	.56	26.0	10.0	20.0	22.5	1.5	0.8	EF6564-ND	1.29	9.67	72.54	257.92	429.00	ECQ-E6564KF	
	.68	26.0	11.5	21.0	22.5	1.5	0.8	EF6684-ND	1.20	9.09	68.64	257.40	446.00	ECQ-E6684KF	
	.82	31.0	11.3	20.5	27.5	1.5	0.8	EF6824-ND	1.74	13.15	99.22	372.08	645.00	ECQ-E6824KF	
	1.0	31.0	12.5	21.9	27.5	1.5	0.8	EF6105-ND	1.82	13.78	104.00	390.00	676.00	ECQ-E6105KF	
1.2	31.0	13.5	23.0	27.5	1.5	0.8	EF6125-ND	1.84	13.92	105.04	393.90	683.00	ECQ-E6125KF		
1.5	31.0	15.3	24.7	27.5	1.5	0.8	EF6155-ND	2.09	15.79	119.20	447.00	775.00			



金属化聚酯薄膜电容器 MKT 370/371/372/373

特点: • 低电感金属化 (PETP) 薄膜线圈单元 • 环氧树脂密封和阻燃外壳 • 径向焊接引线
 • 可经受溶剂和清洗液体 • 小分离支脚以便除去焊剂 • 适合高密度封装 应用: • 阻断和耦合
 • 旁路和蓄能器 技术规格: 额定温度: 85°C 最高使用温度: 105°C



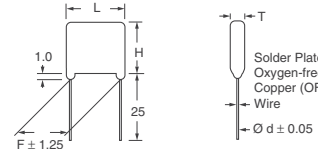
电压 (DC)	电容 (μF)	容差	b	h	尺寸 (mm)	l	P	l _t	od _t	Digi-Key 零件编号	10	100	1,000	Vishay 零件编号
MKT 370 系列														
63	.056	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1633-ND	1.36	9.08	68.10	2222 370 11563
	.068	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1635-ND	1.37	9.14	68.55	2222 370 11683
	.082	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1637-ND	1.38	9.22	69.15	2222 370 11823
	.10	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1621-ND	1.25	8.32	62.40	2222 370 11104
	.12	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1623-ND	1.51	10.06	75.45	2222 370 11124
	.15	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3014PH-ND	1.79	11.96	89.70	2222 370 12154
	.15	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1625-ND	1.68	11.18	83.85	2222 370 11154
	.18	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1627-ND	1.86	12.38	92.85	2222 370 11184
	.22	±5%	3.5	8.0	7.2	5.08	4.0	5.0		3015PH-ND	2.19	14.60	109.50	2222 370 12224
	.22	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1628-ND	2.05	13.64	102.30	2222 370 11224
	.27	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1629-ND	2.36	15.70	117.75	2222 370 11274
	.33	±5%	3.5	8.0	7.2	5.08	4.0	5.0		3016PH-ND	2.78	18.52	138.90	2222 370 12334
.33	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1630-ND	2.60	17.34	130.05	2222 370 11334	
.39	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1631-ND	2.96	19.70	147.75	2222 370 11394	
.47	±5%	3.5	8.0	7.2	5.08	4.0	5.0		3017PH-ND	3.55	23.66	177.45	2222 370 12474	
.47	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1632-ND	3.31	22.04	165.30	2222 370 11474	
.56	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1634-ND	3.89	25.90	194.25	2222 370 11564	
.68	±5%	4.5	9.0	7.2	5.08	4.0	5.0		3018PH-ND	4.77	31.82	238.65	2222 370 12684	
.68	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1636-ND	4.47	29.78	223.35	2222 370 11684	
.82	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1638-ND	4.71	31.42	235.65	2222 370 11824	
1.0	±5%	6.0	11.0	7.2	5.08	4.0	5.0		3019PH-ND	5.57	37.12	278.40	2222 370 12105	
1.0	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1622-ND	5.17	34.48	258.60	2222 370 11105	
1.2	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1624-ND	5.63	37.54	281.55	2222 370 11125	
1.5	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1626-ND	5.66	37.74	283.05	2222 370 11155	
250	.012	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1640-ND	1.19	7.92	59.40	2222 370 21123
	.015	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1642-ND	1.21	8.06	60.45	2222 370 21153
	.018	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1644-ND	1.23	8.22	61.65	2222 370 21183
	.022	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1646-ND	1.25	8.36	62.70	2222 370 21223
	.027	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1648-ND	1.28	8.52	63.90	2222 370 21273
	.033	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1650-ND	1.30	8.68	65.10	2222 370 21333
	.039	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1652-ND	1.33	8.84	66.30	2222 370 21393
	.047	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3011PH-ND	1.44	9.62	72.15	2222 370 22473
	.047	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1654-ND	1.35	8.98	67.35	2222 370 21473
	.056	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1656-ND	1.63	10.86	81.45	2222 370 21563
	.068	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3012PH-ND	1.87	12.44	93.30	2222 370 22683
	.068	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1657-ND	1.74	11.62	87.15	2222 370 21683
.082	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1658-ND	1.86	12.38	92.85	2222 370 21823	
.10	±5%	2.5	8.0	7.2	5.08	4.0	5.0		3013PH-ND	2.12	14.10	105.75	2222 370 22104	
.10	±10%	2.5	8.0	7.2	5.08	4.0	5.0		BC1639-ND	1.98	13.18	98.85	2222 370 21104	
.12	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1641-ND	2.14	14.24	106.80	2222 370 21124	
.15	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1643-ND	2.36	15.70	117.75	2222 370 21154	
.18	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1645-ND	2.60	17.34	130.05	2222 370 21184	
.22	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1647-ND	2.82	18.82	141.15	2222 370 21224	
.27	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1649-ND	3.12	20.80	156.00	2222 370 21274	
.33	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1651-ND	3.37	22.44	168.30	2222 370 21334	
.39	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1653-ND	3.83	25.50	191.25	2222 370 21394	
.47	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1655-ND	4.16	27.74	208.05	2222 370 21474	
400	.0047	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3005PH-ND	1.24	8.28	62.10	2222 370 42472
	.0068	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3006PH-ND	1.24	8.28	62.10	2222 370 42682
	.010	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3007PH-ND	1.27	8.46	63.45	2222 370 42103
	.015	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3008PH-ND	1.32	8.80	66.00	2222 370 42153
	.022	±5%	3.5	8.0	7.2	5.08	4.0	5.0		3009PH-ND	1.49	9.96	74.70	2222 370 42223
	.033	±5%	3.5	8.0	7.2	5.08	4.0	5.0		3010PH-ND	1.74	11.60	87.00	2222 370 42333
	.0010	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3001PH-ND	1.24	8.28	62.10	2222 370 52102
	.0010	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1659-ND	1.16	7.76	58.20	2222 370 51102
	.0012	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1661-ND	1.16	7.76	58.20	2222 370 51122
	.0015	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3002PH-ND	1.24	8.28	62.10	2222 370 52152
	.0015	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1663-ND	1.16	7.76	58.20	2222 370 51152
	.0018	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1665-ND	1.16	7.76	58.20	2222 370 51182
.0022	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3003PH-ND	1.24	8.28	62.10	2222 370 52222	
.0022	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1667-ND	1.16	7.76	58.20	2222 370 51222	
.0027	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1669-ND	1.16	7.76	58.20	2222 370 51272	
.0033	±5%	2.5	6.5	7.2	5.08	4.0	5.0		3004PH-ND	1.24	8.28	62.10	2222 370 52332	
.0033	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1671-ND	1.16	7.76	58.20	2222 370 51332	
.0039	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1673-ND	1.19	7.92	59.40	2222 370 51392	
.0047	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1675-ND	1.21	8.06	60.45	2222 370 51472	
.0056	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1677-ND	1.23	8.22	61.65	2222 370 51562	
.0068	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1678-ND	1.25	8.36	62.70	2222 370 51682	
.0082	±10%	2.5	6.5	7.2	5.08	4.0	5.0		BC1679-ND	1.28	8.52	63.90	2222 370 51822	
.01	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1660-ND	1.30	8.68	65.10	2222 370 51103	
.012	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1662-ND	1.33	8.84	66.30	2222 370 51123	
.015	±10%	3.5	8.0	7.2	5.08	4.0	5.0		BC1664-ND	1.35	8.98	67.35	2222 370 51153	
.018	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1666-ND	1.40	9.30	69.75	2222 370 51183	
.022	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1668-ND	1.51	10.08	75.60	2222 370 51223	
.027	±10%	4.5	9.0	7.2	5.08	4.0	5.0		BC1670-ND	1.65	11.02	82.65	2222 370 51273	
.033	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1672-ND	1.77	11.78	88.35	2222 370 51333	
.039	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1674-ND	1.88	12.54	94.05	2222 370 51393	
.047	±10%	6.0	11.0	7.2	5.08	4.0	5.0		BC1676-ND	2.02	13.48	101.10	2222 370 51473	
MKT 371 系列														
63	.056	±10%	2.5	6.5	10.0	7.62	4.0	5.0						

Panasonic PPS 膜电容器 - ECHS

使用 PPS 膜的非电感性构造, 专为高耐久和高频应用而设计。

- 特点: • 工作温度范围广 -40°C ~ 125°C • 温度系数优良 -100PPM/°C
• 频率特性优良
应用: • 自动 • 振荡电路

电气规格: • 温度范围: -40°C ~ 125°C • 额定电压: 50VDC、100VDC • 电容范围: 0.0001 至 0.47μF • 电容公差: ±2% (G) 和 ±5% (J) • 耗散因数: 0.3% 最大, 在 1kHz 和 20°C • 耐受电压: 端子间 250% 的额定电压持续 1-5 秒 • 绝缘电阻: 电容等于或小于 0.33μF 时, 最小为 45,000 MΩ。电容大于 0.33μF 时, 最小为 15,000 MΩ (20°C, 100VDC, 60 秒)



WV DC	电容 (μF)	容差	尺寸 (mm)				Digi-Key 零件编号	单价				Panasonic 零件编号	
			L	T	H	F		1	10	100	1,000		
50	.001	2%	8.5	4.0	7.6	5.0	0.60	PS1H102G-ND	.66	.57	.48	.29	ECH-S1H102GZ
	.0012	2%	8.5	4.0	7.8	5.0	0.60	PS1H122G-ND	.66	.57	.48	.29	ECH-S1H122GZ
	.0015	2%	8.5	4.0	7.6	5.0	0.60	PS1H152G-ND	.66	.57	.48	.29	ECH-S1H152GZ
	.0018	2%	8.5	4.0	7.6	5.0	0.60	PS1H182G-ND	.66	.57	.48	.29	ECH-S1H182GZ
	.0022	2%	8.5	4.0	7.8	5.0	0.60	PS1H222G-ND	.66	.57	.48	.29	ECH-S1H222GZ
	.0027	2%	8.5	4.0	7.8	5.0	0.60	PS1H272G-ND	.66	.57	.48	.29	ECH-S1H272GZ
	.0033	2%	8.5	4.0	8.0	5.0	0.60	PS1H332G-ND	.66	.57	.48	.29	ECH-S1H332GZ
	.0039	2%	8.5	4.0	7.8	5.0	0.60	PS1H392G-ND	.66	.57	.48	.29	ECH-S1H392GZ
	.0047	2%	8.5	4.0	8.0	5.0	0.60	PS1H472G-ND	.66	.57	.48	.29	ECH-S1H472GZ
	.0056	2%	8.5	4.0	8.2	5.0	0.60	PS1H562G-ND	.66	.57	.48	.29	ECH-S1H562GZ
	.0068	2%	8.5	4.0	7.6	5.0	0.60	PS1H682G-ND	.66	.57	.48	.29	ECH-S1H682GZ
	.0082	2%	8.5	4.0	7.6	5.0	0.60	PS1H822G-ND	.66	.57	.48	.29	ECH-S1H822GZ
	.01	2%	8.5	4.0	7.6	5.0	0.60	PS1H103G-ND	.71	.61	.51	.31	ECH-S1H103GZ
	.012	2%	8.5	4.0	8.0	5.0	0.60	PS1H123G-ND	.77	.67	.56	.33	ECH-S1H123GZ
	.015	2%	12.0	4.5	7.8	7.5	0.60	PS1H153G-ND	.79	.68	.57	.34	ECH-S1H153GZ
	.018	2%	12.0	4.5	8.0	7.5	0.60	PS1H183G-ND	.87	.75	.62	.38	ECH-S1H183GZ
	.022	2%	12.0	4.5	8.2	7.5	0.60	PS1H223G-ND	.94	.81	.68	.41	ECH-S1H223GZ
	.027	2%	12.0	4.5	10.4	7.5	0.60	PS1H273G-ND	1.03	.89	.74	.44	ECH-S1H273GZ
	.033	2%	12.0	4.5	10.6	7.5	0.60	PS1H333G-ND	1.13	.97	.81	.49	ECH-S1H333GZ
	.039	2%	12.0	5.0	10.4	7.5	0.60	PS1H393G-ND	1.22	1.05	.87	.52	ECH-S1H393GZ
	.047	2%	12.0	5.0	10.8	7.5	0.60	PS1H473G-ND	1.31	1.13	.94	.57	ECH-S1H473GZ
	.056	2%	12.0	5.5	11.0	7.5	0.60	PS1H563G-ND	1.45	1.25	1.04	.63	ECH-S1H563GZ
	.068	2%	14.5	5.0	11.2	10.0	0.60	PS1H683G-ND	1.60	1.37	1.15	.69	ECH-S1H683GZ
	.082	2%	14.5	5.5	11.6	10.0	0.60	PS1H823G-ND	1.75	1.50	1.25	.75	ECH-S1H823GZ
	.1	2%	14.5	6.0	12.0	10.0	0.60	PS1H104G-ND	1.95	1.68	1.40	.84	ECH-S1H104GZ
	.12	2%	14.5	6.5	12.4	10.0	0.60	PS1H124G-ND	2.21	1.90	1.58	.95	ECH-S1H124GZ
	.15	2%	17.0	6.5	12.4	12.5	0.60	PS1H154G-ND	2.54	2.18	1.82	1.09	ECH-S1H154GZ
	.18	2%	17.0	6.5	14.0	12.5	0.60	PS1H184G-ND	2.85	2.45	2.04	1.22	ECH-S1H184GZ
	.22	2%	17.0	7.0	14.4	12.5	0.60	PS1H224G-ND	3.22	2.77	2.31	1.38	ECH-S1H224GZ
	.27	2%	17.0	7.5	15.2	12.5	0.60	PS1H274G-ND	3.64	3.13	2.61	1.56	ECH-S1H274GZ
	.33	2%	17.0	8.5	15.8	12.5	0.80	PS1H334G-ND	4.09	3.51	2.93	1.75	ECH-S1H334GZ
	.39	2%	17.0	9.0	16.4	12.5	0.80	PS1H394G-ND	4.53	3.89	3.24	1.94	ECH-S1H394GZ
	.47	2%	17.0	10.0	17.2	12.5	0.80	PS1H474G-ND	5.12	4.39	3.66	2.19	ECH-S1H474GZ
	.001	5%	8.5	4.0	7.6	5.0	0.60	PS1H102J-ND	.26	.23	.19	.12	ECH-S1H102JZ
	.0012	5%	8.5	4.0	7.8	5.0	0.60	PS1H122J-ND	.26	.23	.19	.12	ECH-S1H122JZ
	.0015	5%	8.5	4.0	7.6	5.0	0.60	PS1H152J-ND	.26	.23	.19	.12	ECH-S1H152JZ
	.0018	5%	8.5	4.0	7.6	5.0	0.60	PS1H182J-ND	.26	.23	.19	.12	ECH-S1H182JZ
	.0022	5%	8.5	4.0	7.8	5.0	0.60	PS1H222J-ND	.26	.23	.19	.12	ECH-S1H222JZ
	.0027	5%	8.5	4.0	7.8	5.0	0.60	PS1H272J-ND	.26	.23	.19	.12	ECH-S1H272JZ
	.0033	5%	8.5	4.0	8.0	5.0	0.60	PS1H332J-ND	.26	.23	.19	.12	ECH-S1H332JZ
	.0039	5%	8.5	4.0	7.8	5.0	0.60	PS1H392J-ND	.26	.23	.19	.12	ECH-S1H392JZ
	.0047	5%	8.5	4.0	8.0	5.0	0.60	PS1H472J-ND	.26	.23	.19	.12	ECH-S1H472JZ
	.0056	5%	8.5	4.0	8.2	5.0	0.60	PS1H562J-ND	.26	.23	.19	.12	ECH-S1H562JZ
	.0068	5%	8.5	4.0	7.6	5.0	0.60	PS1H682J-ND	.26	.23	.19	.12	ECH-S1H682JZ
	.0082	5%	8.5	4.0	7.6	5.0	0.60	PS1H822J-ND	.26	.23	.19	.12	ECH-S1H822JZ
	.01	5%	8.5	4.0	7.8	5.0	0.60	PS1H103J-ND	.28	.24	.20	.12	ECH-S1H103JZ
	.012	5%	8.5	4.0	8.0	5.0	0.60	PS1H123J-ND	.32	.28	.23	.14	ECH-S1H123JZ
	.015	5%	12.0	4.5	7.8	7.5	0.60	PS1H153J-ND	.36	.31	.26	.16	ECH-S1H153JZ
	.018	5%	12.0	4.5	8.0	7.5	0.60	PS1H183J-ND	.38	.33	.27	.17	ECH-S1H183JZ
	.022	5%	12.0	4.5	8.2	7.5	0.60	PS1H223J-ND	.44	.38	.32	.19	ECH-S1H223JZ
.027	5%	12.0	4.5	10.4	7.5	0.60	PS1H273J-ND	.47	.41	.34	.21	ECH-S1H273JZ	
.033	5%	12.0	4.5	10.6	7.5	0.60	PS1H333J-ND	.50	.43	.36	.22	ECH-S1H333JZ	
.039	5%	12.0	5.0	10.4	7.5	0.60	PS1H393J-ND	.52	.45	.37	.23	ECH-S1H393JZ	
.047	5%	12.0	5.0	10.8	7.5	0.60	PS1H473J-ND	.54	.47	.39	.24	ECH-S1H473JZ	
.056	5%	12.0	5.5	11.0	7.5	0.60	PS1H563J-ND	.61	.53	.44	.27	ECH-S1H563JZ	
100	.068	5%	14.5	5.0	11.2	10.0	0.60	PS1H683J-ND	.69	.59	.49	.30	ECH-S1H683JZ
	.082	5%	14.5	5.5	11.6	10.0	0.60	PS1H823J-ND	.76	.66	.55	.33	ECH-S1H823JZ
	.1	5%	14.5	6.0	12.0	10.0	0.60	PS1H104J-ND	.88	.76	.63	.38	ECH-S1H104JZ
	.12	5%	14.5	6.5	12.4	10.0	0.60	PS1H124J-ND	1.00	.86	.72	.43	ECH-S1H124JZ
	.15	5%	17.0	6.5	12.4	12.5	0.60	PS1H154J-ND	1.17	1.01	.84	.51	ECH-S1H154JZ
	.18	5%	17.0	6.5	14.0	12.5	0.60	PS1H184J-ND	1.35	1.16	.97	.58	ECH-S1H184JZ
	.22	5%	17.0	7.0	14.4	12.5	0.60	PS1H224J-ND	1.54	1.32	1.10	.66	ECH-S1H224JZ
	.27	5%	17.0	7.5	15.2	12.5	0.80	PS1H274J-ND	1.69	1.46	1.22	.73	ECH-S1H274JZ
	.33	5%	17.0	8.5	15.8	12.5	0.80	PS1H334J-ND	1.88	1.62	1.35	.81	ECH-S1H334JZ
	.39	5%	17.0	9.0	16.4	12.5	0.80	PS1H394J-ND	2.12	1.82	1.52	.91	ECH-S1H394JZ
	.47	5%	17.0	10.0	17.2	12.5	0.80	PS1H474J-ND	2.37	2.04	1.70	1.02	ECH-S1H474JZ
	.0001	5%	8.5	4.0	6.5	5.0	0.60	PS1101J-ND	.60	.51	.43	.26	ECH-S1101JZ
	.00012	5%	8.5	4.0	6.5	5.0	0.60	PS1121J-ND	.60	.51	.43	.26	ECH-S1121JZ
	.00015	5%	8.5	4.0	6.5	5.0	0.60	PS1151J-ND	.60	.51	.43	.26	ECH-S1151JZ
	.00018	5%	8.5	4.0	6.5	5.0	0.60	PS1181J-ND	.60	.51	.43	.26	ECH-S1181JZ
	.00022	5%	8.5	4.0	6.5	5.0	0.60	PS1221J-ND	.60	.51	.43	.26	ECH-S1221JZ
	.00027	5%	8.5	4.0	6.5	5.0	0.60	PS1271J-ND	.60	.51	.43	.26	ECH-S1271JZ
	.00033	5%	8.5	4.0	6.5	5.0	0.60	PS1331J-ND	.60	.51	.43	.26	ECH-S1331JZ
	.00039	5%	8.5	4.0	6.5	5.0	0.60	PS1391J-ND	.60	.51	.43	.26	ECH-S1391JZ
	.00047	5%	8.5	4.0	6.5	5.0	0.60	PS1471J-ND	.60	.51	.43	.26	ECH-S1471JZ
	.00056	5%	8.5	4.0	6.5	5.0	0.60	PS1561J-ND	.60	.51	.43	.26	ECH-S1561JZ
	.00068	5%	8.5	4.0	6.5	5.0	0.60	PS1681J-ND	.60	.51	.43	.26	ECH-S1681JZ
	.00082	5%	8.5	4.0	6.5	5.0	0.60	PS1821J-ND	.60	.51	.43	.26	ECH-S1821JZ
	.001	5%	10.0	4.5	7.0	5.0	0.60	PS1102J-ND	.39	.34	.28	.17	ECH-S1102JZ
	.0012	5%	10.0	4.5	7.0	5.0	0.60	PS1122J-ND	.39	.34	.28	.17	ECH-S1122JZ
	.0015	5%	10.0	4.5	7.0	5.0	0.60	PS1152J-ND	.39	.34	.28	.17	ECH-S1152JZ
	.0018	5%	10.0	4.5	7.0	5.0	0.60	PS1182J-ND	.39	.34	.28	.17	ECH-S1182JZ
	.0022	5%	10.0	4.5	7.5	5.0	0.60	PS1222J-ND	.39	.34	.28	.17	ECH-S1222JZ
	.0027	5%	10.0	4.5	7.0	5.0	0.60	PS1272J-ND	.39	.34	.28	.17	ECH-S1272JZ
	.0033	5%	10.0	4.5	7.5	5.0	0.60	PS1332J-ND	.39	.34	.28	.17	ECH-S1332JZ
	.0039	5%	10.0	4.5	7.0	5.0	0.60	PS1392J-ND	.39	.34	.28	.17	ECH-S1392JZ
	.0047	5%	10.0	5.0	7.5	5.0	0.60	PS1472J-ND	.40	.35	.29	.18	ECH-S1472JZ
	.0056	5%	12.0	4.									