

Panasonic ECQ-P (Z) 聚丙烯膜电容器 (接上页)

WV DC	电容 (μF)	容差	尺寸 (mm)					Digi-Key 零件编号	价格				Panasonic 零件编号	
			L	T	H	S	d		1	10	100	1,000		
50	0.0051	1%	8.5	4.5	13.0	5.0	0.50	P3841-ND	◆	63	5.42	45.18	271.05	ECQ-P1H512FZW
	0.0056	1%	8.5	4.5	13.0	5.0	0.50	P3842-ND	◆	63	5.42	45.18	271.05	ECQ-P1H562FZW
	0.0062	1%	8.5	5.0	13.0	5.0	0.50	P3843-ND	◆	63	5.42	45.18	271.05	ECQ-P1H623FZW
	0.0068	1%	8.5	5.0	13.0	5.0	0.50	P3844-ND	◆	63	5.42	45.18	271.05	ECQ-P1H682FZW
	0.0075	1%	12.0	5.0	14.0	5.0	0.60	P3845-ND	◆	63	5.42	45.18	271.05	ECQ-P1H752FZW
	0.0082	1%	12.0	5.5	14.0	5.0	0.60	P3846-ND	◆	63	5.42	45.18	271.05	ECQ-P1H822FZW
	0.0091	1%	12.0	5.0	13.5	5.0	0.60	P3847-ND	◆	63	5.42	45.18	271.05	ECQ-P1H912FZW
	0.01	1%	12.0	5.0	13.5	5.0	0.60	P3848-ND	◆	63	5.42	45.18	271.05	ECQ-P1H103FZW
	0.011	1%	12.0	5.0	14.0	5.0	0.60	P3849-ND	◆	65	5.56	46.33	277.95	ECQ-P1H113FZW
	0.012	1%	12.0	5.5	14.0	5.0	0.60	P3850-ND	◆	65	5.56	46.33	277.95	ECQ-P1H123FZW
	0.013	1%	12.0	5.0	14.0	5.0	0.60	P3851-ND	◆	65	5.56	46.33	277.95	ECQ-P1H133FZW
	0.015	1%	12.0	5.0	14.0	5.0	0.60	P3852-ND	◆	65	5.56	46.33	277.95	ECQ-P1H153FZW
	0.016	1%	12.0	5.5	14.0	5.0	0.60	P3853-ND	◆	65	5.56	46.33	277.95	ECQ-P1H163FZW
	0.018	1%	12.0	5.5	14.5	5.0	0.60	P3854-ND	◆	65	5.56	46.33	277.95	ECQ-P1H183FZW
	0.02	1%	12.0	5.5	14.5	5.0	0.60	P3855-ND	◆	74	6.35	52.90	317.40	ECQ-P1H203FZW
	0.022	1%	12.0	5.5	15.5	5.0	0.60	P3856-ND	◆	61	5.26	43.80	262.80	ECQ-P1H223FZW
	0.024	1%	12.0	6.0	15.5	5.0	0.60	P3857-ND	◆	74	6.35	52.90	317.40	ECQ-P1H243FZW
	0.027	1%	12.0	6.0	16.0	5.0	0.60	P3858-ND	◆	74	6.35	52.90	317.40	ECQ-P1H273FZW
	0.03	1%	12.0	6.5	16.0	5.0	0.60	P3859-ND	◆	84	7.19	59.95	359.70	ECQ-P1H303FZW
	0.033	1%	12.0	6.5	16.5	5.0	0.60	P3860-ND	◆	84	7.19	59.95	359.70	ECQ-P1H333FZW
	0.036	1%	14.5	5.5	17.0	5.0	0.60	P3861-ND	◆	84	7.19	59.95	359.70	ECQ-P1H363FZW
	0.039	1%	14.5	5.5	17.0	5.0	0.60	P3862-ND	◆	84	7.19	59.95	359.70	ECQ-P1H393FZW
	0.043	1%	14.5	6.0	17.0	5.0	0.60	P3863-ND	◆	84	7.19	59.95	359.70	ECQ-P1H433FZW
	0.047	1%	14.5	6.0	17.5	5.0	0.60	P3864-ND	◆	84	7.19	59.95	359.70	ECQ-P1H473FZW

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			L	T	H	S	d		1	10	100	1,000		
50	0.051	1%	14.5	6.5	18.5	5.0	0.60	P3865-ND	◆	1.11	9.48	79.00	474.00	ECQ-P1H513FZW
	0.056	1%	14.5	6.5	18.5	5.0	0.60	P3866-ND	◆	1.11	9.48	79.00	474.00	ECQ-P1H563FZW
	0.062	1%	14.5	7.0	19.0	5.0	0.60	P3867-ND	◆	1.11	9.48	79.00	474.00	ECQ-P1H623FZW
	0.068	1%	14.5	7.0	19.0	5.0	0.60	P3868-ND	◆	1.11	9.48	79.00	474.00	ECQ-P1H683FZW
	0.075	1%	17.0	6.5	18.5	7.5	0.60	P3869-ND	◆	1.11	9.48	79.00	474.00	ECQ-P1H753FZW
	0.082	1%	17.0	7.0	19.0	7.5	0.60	P3870-ND	◆	1.11	9.48	79.00	474.00	ECQ-P1H823FZW
	0.091	1%	17.0	7.0	19.0	7.5	0.60	P3871-ND	◆	1.11	9.48	79.03	474.15	ECQ-P1H913FZW
	0.1	1%	17.0	7.5	19.5	7.5	0.60	P3872-ND	◆	1.15	9.87	82.23	493.35	ECQ-P1H104FZW
	0.11	1%	17.0	8.0	20.5	7.5	0.60	P3873-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H114FZW
	0.12	1%	17.0	8.5	20.5	7.5	0.60	P3874-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H124FZW
	0.13	1%	17.0	8.5	21.0	7.5	0.60	P3875-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H134FZW
	0.15	1%	20.0	8.0	20.5	10.0	0.60	P3876-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H154FZW
	0.16	1%	20.0	8.5	20.5	10.0	0.60	P3877-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H164FZW
	0.18	1%	20.0	9.0	21.0	10.0	0.60	P3878-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H184FZW
	0.20	1%	20.0	9.5	21.5	10.0	0.60	P3879-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H204FZW
	0.22	1%	20.0	9.5	22.0	10.0	0.60	P3880-ND	◆	1.43	12.23	101.88	611.25	ECQ-P1H224FZW
	0.24	1%	20.0	10.0	22.5	10.0	0.60	P3881-ND	◆	1.89	16.19	134.90	809.40	ECQ-P1H244FZW
	0.27	1%	20.0	10.5	23.0	10.0	0.60	P3882-ND	◆	1.98	17.00	141.70	850.20	ECQ-P1H274FZW
	0.30	1%	22.5	9.5	24.0	12.5	0.80	P3883-ND	◆	1.98	17.00	141.70	850.20	ECQ-P1H304FZW
	0.33	1%	22.5	10.0	24.5	12.5	0.80	P3884-ND	◆	2.21	18.97	158.05	948.30	ECQ-P1H334FZW
	0.36	1%	22.5	10.5	25.0	12.5	0.80	P3885-ND	◆	2.21	18.97	158.05	948.30	ECQ-P1H364FZW
	0.39	1%	22.5	11.0	25.0	12.5	0.80	P3886-ND	◆	2.44	20.93	174.40	1046.40	ECQ-P1H394FZW
	0.43	1%	22.5	11.5	25.5	12.5	0.80	P3887-ND	◆	2.61	22.40	186.68	1120.05	ECQ-P1H434FZW
	0.47	1%	22.5	12.0	26.0	12.5	0.80	P3888-ND	◆	2.76	23.69	197.40	1184.40	ECQ-P1H474FZW

◆符合RoHS规范要求

ECQP (U) 系列 聚丙烯膜电容器

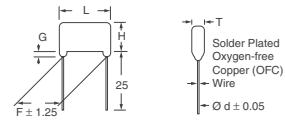
非电感性构造。使用涂有阻燃环氧树脂的聚丙烯膜。

特点: • 损失低, 频率特性优良 • 温度特性良好
• 高绝缘电阻

应用: • 高频和大电流电路 • 一般用途电路

电气规格: • 参考标准: EIAJ RC-3670B 特性 P • 温度范围: -40°C ~ 85°C, 温度高于 85°C 时降低额定电压 (额定电压 x 50%) • 耗散因数: 0.1% 最大, 在 1kHz 和 20°C • 耐受电压: 端子间持续 1-5 秒, 250% 的额定电压 • 绝缘电阻: 电容小于或等于 0.33μF 时

最小为 45,000 MΩ, 电容大于 0.33μF 时最小为 15,000 MΩ/μF (20°C, 100VDC, 60 秒)



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			L	T	H	F	G	d		1	10	100	1,000			
400	.0082	5%	19.5	6.0	16.0	15.0	1.0	0.60	P3475-ND	◆	.39	3.33	27.78	166.00	ECQ-P4822JU	
	.01	5%	19.5	6.5	16.5	15.0	1.0	0.60	P3476-ND	◆	.40	3.43	28.60	171.00	ECQ-P4103JU	
	.012	5%	19.5	6.5	18.5	15.0	1.0	0.60	P3477-ND	◆	.42	3.58	29.85	178.00	ECQ-P4123JU	
	.015	5%	19.5	6.0	18.5	15.0	1.0	0.60	P3478-ND	◆	.43	3.72	31.03	185.00	ECQ-P4153JU	
	.018	5%	19.5	6.0	19.0	15.0	1.0	0.60	P3479-ND	◆	.45	3.87	32.23	192.00	ECQ-P4183JU	
	.022	5%	19.5	6.0	19.4	15.0	1.0	0.60	P3480-ND	◆	.47	3.99	33.25	199.00	ECQ-P4223JU	
	.027	5%	19.5	6.5	20.0	15.0	1.0	0.60	P3481-ND	◆	.48	4.10	34.13	204.00	ECQ-P4273JU	
	.033	5%	19.5	7.0	21.8	15.0	1.0	0.60	P3482-ND	◆	.49	4.24	35.30	211.00	ECQ-P4333JU	
	.039	5%	19.5	7.5	22.8	15.0	1.0	0.60	P3483-ND	◆	.51	4.34	36.18	216.00	ECQ-P4393JU	
	.047	5%	19.5	8.0	23.4	15.0	1.0	0.60	P3484-ND	◆	.60	5.13	42.78	255.00	ECQ-P4473JU	
	.056	5%	24.5	7.0	22.0	20.0	1.5	0.80	P3485-ND	◆	.60	5.18	43.20	258.00	ECQ-P4563JU	
	.068	5%	24.5	7.5	23.0	20.0	1.5	0.80	P3486-ND	◆	.65	5.58	46.50	278.00	ECQ-P4683JU	
	.082	5%	24.5	8.5	23.8	20.0	1.5	0.80	P3487-ND	◆	.70	6.00	50.03	299.00	ECQ-P4823JU	
	.1	5%	24.5	9.0	26.6	20.0	1.5	0.80	P3488-ND	◆	.82	7.00	58.33	348.00	ECQ-P4104JU	
	.12	5%	24.5	10.0	27.4	20.0	1.5	0.80	P3489-ND	◆	.83	7.16	59.63	356.00	ECQ-P4124JU	
	.15	5%	24.5	11.0	28.6	20.0	1.5	0.80	P3490-ND	◆	.94	8.02	66.80	399.00	ECQ-P4154JU	
	.18	5%	29.5	10.5	26.0	25.0	1.5	0.80	P3491-ND	◆	1.03	8.81	73.45	439.00	ECQ-P4184JU	
	.22	5%	29.5	11.5	27.0	25.0	1.5	0.80	P3492-ND	◆	1.15	9.83	81.90	489.00	ECQ-P4224JU	
	.27	5%	29.5	13.0	28.4	25.0	1.5	0.80	P3493-ND	◆	1.31	11.23	93.55	559.00	ECQ-P4274JU	
	.33	5%	29.5	15.0	29.8	25.0	1.5	0.80	P3494-ND	◆	1.44	12.34	102.83	614.00	ECQ-P4334JU	
	.39	5%	35.0	15.0	30.0	20.0	1.5	0.80	P3495-ND	◆	1.51	12.95	107.95	644.00	ECQ-P4394JU	
	.47	5%	35.0	16.5	31.4	20.0	1.5	0.80	P3496-ND	◆	1.61	13.82	115.15	687.00	ECQ-P4474JU	
	630	.001	5%	14.5	5.0	15.5	10.0	1.0	0.60	P3497-ND	◆	.33	2.80	23.30	139.00	ECQ-P6102JU
		.0012	5%	14.5	5.5	15.5	10.0	1.0	0.60	P3498-ND	◆	.33	2.80	23.30	139.00	ECQ-P6122JU

WV

Panasonic® 金属化聚丙烯膜电容器 - ECWF (L)

非电感性构造，使用涂有阻燃环氧树脂的聚丙烯膜。

特点：• 微型

推荐应用：• 照明 • 电源 • 工业使用 • 适合大电流和高频电路

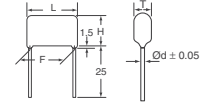
电气规格：• 温度范围：-40°C ~ 85°C (105°C) • 额定电压：400VDC、630VDC • 引线材料：400V：0.022μF ~ 0.11μF 镀锡包铜铜丝；0.12μF ~ 2.4μF 镀锡铜丝 630V：

0.01μF ~ 0.043μF 镀锡包铜铜丝；0.047μF ~ 1.3μF 镀锡铜丝 • 电容公差：±3% (H)、±5% (J)

• 耐受电压：额定电压×150%，60秒 • 绝缘电阻：对于电容等于或小于0.33μF的，9,000MΩ

最小：对于电容大于0.33μF的，3,000 MΩ/μF 最小 (20°C, 100VDC 和 500VDC, 60秒)

• 耗散因数：0.05% 最大，在 1kHz 和 20°C。



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			L	T	H	F	d		1	10	100	1,000	
400	.022	±3%	12.5	5.8	8.6	10.0	0.6	P12059-ND	1.32	11.29	88.43	564.45	ECWF-F4223HL
	.024	±3%	12.5	6.0	8.8	10.0	0.6	P12061-ND	1.32	11.29	88.43	564.45	ECWF-F4243HL
	.027	±3%	12.5	6.2	9.0	10.0	0.6	P12063-ND	1.38	11.80	92.45	590.10	ECWF-F4273HL
	.03	±3%	12.5	6.4	9.3	10.0	0.6	P12065-ND	1.38	11.80	92.45	590.10	ECWF-F4303HL
	.033	±3%	12.5	6.7	9.5	10.0	0.6	P12067-ND	1.44	12.32	96.47	615.75	ECWF-F4333HL
	.036	±3%	12.5	6.7	9.5	10.0	0.6	P12069-ND	1.44	12.32	96.47	615.75	ECWF-F4363HL
	.039	±3%	12.5	6.8	9.6	10.0	0.6	P12071-ND	1.50	12.83	100.49	641.40	ECWF-F4393HL
	.043	±3%	12.5	6.8	9.6	10.0	0.6	P12073-ND	1.50	12.83	100.49	641.40	ECWF-F4433HL
	.047	±3%	12.5	6.2	9.0	10.0	0.6	P12075-ND	1.56	13.34	104.53	667.20	ECWF-F4473HL
	.051	±3%	12.5	6.4	9.2	10.0	0.6	P12077-ND	1.56	13.34	104.53	667.20	ECWF-F4513HL
	.056	±3%	12.5	6.6	9.4	10.0	0.6	P12079-ND	1.62	13.86	108.55	692.85	ECWF-F4563HL
	.062	±3%	13.0	6.8	9.6	10.0	0.8	P12081-ND	1.62	13.86	108.55	692.85	ECWF-F4623HL
.068	±3%	13.0	7.0	9.9	10.0	0.8	P12083-ND	1.65	14.11	110.54	705.60	ECWF-F4683HL	
.075	±3%	13.0	7.3	10.1	10.0	0.8	P12085-ND	1.65	14.11	110.54	705.60	ECWF-F4753HL	
.082	±3%	13.0	7.5	10.4	10.0	0.8	P12087-ND	1.65	14.11	110.54	705.60	ECWF-F4823HL	
.091	±3%	13.0	7.8	10.7	10.0	0.8	P12089-ND	1.65	14.11	110.54	705.60	ECWF-F4913HL	
.1	±3%	15.5	6.5	11.0	12.5	0.8	P12091-ND	1.65	14.11	110.54	705.60	ECWF-F4104HL	
.11	±3%	15.5	6.8	11.3	12.5	0.8	P12093-ND	1.68	14.41	112.89	720.60	ECWF-F4114HL	
.12	±3%	15.5	7.0	11.5	12.5	0.8	P12095-ND	1.69	14.45	113.22	722.70	ECWF-F4124HL	
.13	±3%	15.5	7.2	11.8	12.5	0.8	P12097-ND	1.77	15.18	118.91	759.00	ECWF-F4134HL	
.15	±3%	15.5	7.6	12.2	12.5	0.8	P12099-ND	1.86	15.91	124.62	795.45	ECWF-F4154HL	
.16	±3%	15.5	7.8	12.4	12.5	0.8	P12101-ND	1.86	15.95	124.95	797.55	ECWF-F4164HL	
.18	±3%	15.5	8.2	12.8	12.5	0.8	P12103-ND	1.87	15.99	125.28	799.65	ECWF-F4184HL	
.2	±3%	15.5	8.6	13.3	12.5	0.8	P12105-ND	1.89	16.21	126.95	810.30	ECWF-F4204HL	
.22	±3%	15.5	9.0	13.6	12.5	0.8	P12107-ND	1.90	16.29	127.63	814.65	ECWF-F4224HL	
.24	±3%	18.0	8.3	13.0	15.0	0.8	P12192-ND	1.93	16.53	129.46	826.35	ECWF-F4244HL	
.27	±3%	18.0	8.8	13.4	15.0	0.8	P12193-ND	1.95	16.74	131.13	837.00	ECWF-F4274HL	
.3	±3%	18.0	9.2	13.9	15.0	0.8	P12194-ND	1.98	16.96	132.82	847.80	ECWF-F4304HL	
.33	±3%	18.0	9.6	14.3	15.0	0.8	P12195-ND	2.00	17.17	134.49	858.45	ECWF-F4334HL	
.36	±3%	18.0	9.9	14.7	15.0	0.8	P12196-ND	2.05	17.60	137.85	879.90	ECWF-F4364HL	
.39	±3%	18.0	10.3	15.1	15.0	0.8	P12197-ND	2.10	18.03	141.24	901.50	ECWF-F4394HL	
.43	±3%	18.0	10.7	15.6	15.0	0.8	P12198-ND	2.15	18.46	144.60	922.95	ECWF-F4434HL	
.47	±3%	18.0	11.2	16.1	15.0	0.8	P12199-ND	2.20	18.89	147.96	944.40	ECWF-F4474HL	
.51	±3%	20.5	10.3	16.3	17.5	0.8	P12200-ND	2.25	19.32	151.32	965.85	ECWF-F4514HL	
.56	±3%	20.5	10.7	16.7	17.5	0.8	P12201-ND	2.30	19.75	154.68	987.30	ECWF-F4564HL	
.62	±3%	20.5	11.3	17.9	17.5	0.8	P12202-ND	2.35	20.18	158.04	1008.75	ECWF-F4624HL	
.68	±3%	20.5	11.8	18.5	17.5	0.8	P12203-ND	2.40	20.60	161.40	1030.20	ECWF-F4684HL	
.75	±3%	20.5	12.3	19.1	17.5	0.8	P12204-ND	2.45	21.03	164.76	1051.65	ECWF-F4754HL	
.82	±3%	23.0	11.8	18.5	20.0	0.8	P12205-ND	2.50	21.46	168.12	1073.10	ECWF-F4824HL	
.91	±3%	23.0	12.4	19.2	20.0	0.8	P12206-ND	2.58	22.11	173.17	1105.35	ECWF-F4914HL	
1.0	±3%	23.0	13.0	19.8	20.0	0.8	P12207-ND	2.65	22.75	178.22	1137.60	ECWF-F4105HL	
1.1	±3%	23.0	13.6	20.5	20.0	0.8	P12208-ND	2.73	23.39	183.25	1169.70	ECWF-F4115HL	
1.2	±3%	28.0	12.3	19.1	25.0	0.8	P12209-ND	2.80	24.04	188.31	1201.95	ECWF-F4125HL	
1.3	±3%	28.0	12.8	19.6	25.0	0.8	P12210-ND	2.90	24.90	195.03	1244.85	ECWF-F4135HL	
1.5	±3%	28.0	13.7	20.7	25.0	0.8	P12211-ND	3.00	25.76	201.75	1287.75	ECWF-F4155HL	
1.6	±3%	28.0	14.2	21.2	25.0	0.8	P12212-ND	3.13	26.83	210.16	1341.45	ECWF-F4165HL	
1.8	±3%	28.0	15.2	22.2	25.0	0.8	P12213-ND	3.26	27.90	218.55	1395.00	ECWF-F4185HL	
2.0	±3%	28.0	16.0	23.1	25.0	0.8	P12214-ND	3.38	28.97	226.96	1448.70	ECWF-F4205HL	
2.2	±3%	28.0	16.8	24.0	25.0	0.8	P12215-ND	3.51	30.05	235.38	1502.40	ECWF-F4225HL	
2.4	±3%	28.0	17.5	24.8	25.0	0.8	P12216-ND	3.63	31.12	243.79	1556.10	ECWF-F4245HL	
.022	±5%	12.5	5.8	8.6	10.0	0.6	P12060-ND	1.10	9.41	73.70	470.40	ECWF-F4223JL	
.024	±5%	12.5	6.0	8.8	10.0	0.6	P12062-ND	1.10	9.41	73.70	470.40	ECWF-F4243JL	
.027	±5%	12.5	6.2	9.0	10.0	0.6	P12064-ND	1.15	9.84	77.06	491.85	ECWF-F4273JL	
.03	±5%	12.5	6.4	9.3	10.0	0.6	P12066-ND	1.15	9.84	77.06	491.85	ECWF-F4303JL	
.033	±5%	12.5	6.7	9.5	10.0	0.6	P12068-ND	1.20	10.26	80.39	513.15	ECWF-F4333JL	
.036	±5%	12.5	6.7	9.5	10.0	0.6	P12070-ND	1.20	10.26	80.39	513.15	ECWF-F4363JL	
.039	±5%	12.5	6.8	8.6	10.0	0.6	P12072-ND	1.25	10.69	83.75	534.60	ECWF-F4393JL	
.043	±5%	12.5	6.8	8.8	10.0	0.6	P12074-ND	1.25	10.69	83.75	534.60	ECWF-F4433JL	
.047	±5%	12.5	6.2	9.0	10.0	0.6	P12076-ND	1.30	11.12	87.09	555.90	ECWF-F4473JL	
.051	±5%	12.5	6.4	9.2	10.0	0.6	P12078-ND	1.30	11.12	87.09	555.90	ECWF-F4513JL	
.056	±5%	12.5	6.6	9.4	10.0	0.6	P12080-ND	1.35	11.55	90.45	577.35	ECWF-F4563JL	
.062	±5%	13.0	6.8	9.6	10.0	0.8	P12082-ND	1.35	11.55	90.45	577.35	ECWF-F4623JL	
.068	±5%	13.0	7.0	9.9	10.0	0.8	P12084-ND	1.40	11.97	93.79	598.65	ECWF-F4683JL	
.075	±5%	13.0	7.3	10.1	10.0	0.8	P12086-ND	1.40	11.97	93.79	598.65	ECWF-F4753JL	
.082	±5%	13.0	7.5	10.4	10.0	0.8	P12088-ND	1.40	11.97	93.79	598.65	ECWF-F4823JL	
.091	±5%	13.0	7.8	10.7	10.0	0.8	P12090-ND	1.40	11.97	93.79	598.65	ECWF-F4913JL	
.1	±5%	15.5	6.5	11.0	12.5	0.8	P12092-ND	1.40	11.97	93.79	598.65	ECWF-F4104JL	
.11	±5%	15.5	6.8	11.3	12.5	0.8	P12094-ND	1.40	12.02	94.14	600.90	ECWF-F4114JL	
.12	±5%	15.5	7.0	11.5	12.5	0.8	P12096-ND	1.41	12.06	94.47	603.00	ECWF-F4124JL	

WV/DC	电容 (μF)	容差	尺寸 (mm)					Digi-Key 零件编号	价格				Panasonic 零件编号
			L	T	H	F	d		1	10	100	1,000	
400	.13	±5%	15.5	7.2	11.8	12.5	0.8	P12098-ND	1.48	12.66	99.15	632.85	ECWF-F4134JL
	.15	±5%	15.5	7.6	12.2	12.5	0.8	P12100-ND	1.55	13.26	103.85	662.85	ECWF-F4154JL
	.16	±5%	15.5	7.8	12.4	12.5	0.8	P12102-ND	1.55	13.30	104.18	664.95	ECWF-F4164JL
	.18	±5%	15.5	8.2	12.8	12.5	0.8	P12104-ND	1.56	13.34	104.53	667.20	ECWF-F4184JL
	.2	±5%	15.5	8.6	13.3	12.5	0.8	P12106-ND	1.58	13.52	105.87	675.75	ECWF-F4204JL
	.22	±5%	15.5	9.0	13.6	12.5	0.8	P12108-ND	1.59	13.60	106.53	679.95	ECWF-F4224JL
	.24	±5%	18.0	8.3	13.0	15.0	0.8	P12217-ND	1.63	13.95	109.28	697.50	ECWF-F4244JL
	.27	±5%	18.0	8.8	13.4	15.0	0.8	P12218-ND	1.65	14.17	110.79	708.30	ECWF-F4274JL
	.3	±5%	18.0	9.2	13.9	15.0	0.8	P12219-ND	1.68	14.38	112.66	719.10	ECWF-F4304JL
	.33	±5%	18.0	9.6	14.3	15.0	0.8	P12220-ND	1.70	14.60	114.33	729.75	ECWF-F4334JL
	.36	±5%	18.0	9.9	14.7	15.0	0.8	P12221-ND	1.73	14.81	116.02	740.55	ECWF-F4364JL
	.39	±5%	18.0	10.3	15.1	15.0	0.8	P12222-ND	1.75	15.02	117.69	751.20	ECWF-F4394JL
.43	±5%	18.0	10.7	15.6	15.0	0.8	P12223-ND	1.80	15.45	121.05	772.65	ECWF-F4434JL	
.47	±5%	18.0	11.2	16.1	15.0	0.8	P12224-ND	1.85	15.88	124.41	794.10	ECWF-F4474JL	
.51	±5%	20.5	10.3	16.3	17.5	0.8	P12225-ND	1.90	16.31	127.77	815.55	ECWF-F4514JL	
400	.56	±5%	20.5	10.7	16.7	17.5	0.8	P12226-ND	1.95	16.74	131.13	837.00	ECWF-F4564JL
	.62	±5%	20.5	11.3	17.9	17.5	0.8	P12227-ND	2.00	17.17	134.49	858.45	ECWF-F4624JL
	.68	±5%	20.5	11.8	18.5	17.5	0.8	P12228-ND	2.05	17.60	137.85	879.90	ECWF-F46

Panasonic 金属化聚丙烯膜电容器 - ECWF (L) (接上页)

WV DC	电容 (μF)	容差	尺寸 (mm)					Digi-Key 零件编号	价格				Panasonic 零件编号
			L	T	H	F	d		1	10	100	1,000	
630 WV	.39	±3%	20.5	12.4	19.0	17.5	0.8	P12247-ND	2.25	19.32	151.32	965.85	ECWF-F6394HL
	.43	±3%	20.5	13.0	19.5	17.5	0.8	P12248-ND	2.30	19.75	154.68	987.30	ECWF-F6434HL
	.47	±3%	20.5	13.5	20.1	17.5	0.8	P12249-ND	2.35	20.18	158.04	1008.75	ECWF-F6474HL
	.51	±3%	28.0	11.1	17.3	25.0	0.8	P12250-ND	2.40	20.60	161.40	1030.20	ECWF-F6514HL
	.56	±3%	28.0	11.6	17.8	25.0	0.8	P12251-ND	2.45	21.03	164.76	1051.65	ECWF-F6564HL
	.62	±3%	28.0	12.1	18.3	25.0	0.8	P12252-ND	2.50	21.46	168.12	1073.10	ECWF-F6624HL
	.68	±3%	28.0	12.7	19.3	25.0	0.8	P12253-ND	2.58	22.11	173.17	1105.35	ECWF-F6684HL
	.75	±3%	28.0	13.3	19.9	25.0	0.8	P12254-ND	2.65	22.75	178.22	1137.60	ECWF-F6754HL
	.82	±3%	28.0	13.9	20.5	25.0	0.8	P12255-ND	2.73	23.39	183.25	1169.70	ECWF-F6824HL
	.91	±3%	28.0	14.6	21.2	25.0	0.8	P12256-ND	2.80	24.04	188.31	1201.95	ECWF-F6914HL
	1.0	±3%	28.0	15.5	22.3	25.0	0.8	P12257-ND	2.90	24.90	195.03	1244.85	ECWF-F6105HL
	1.1	±3%	28.0	16.3	23.0	25.0	0.8	P12258-ND	3.00	25.76	201.75	1287.75	ECWF-F6115HL
	1.2	±3%	28.0	17.0	23.7	25.0	0.8	P12259-ND	3.13	26.83	210.16	1341.45	ECWF-F6125HL
	1.3	±3%	28.0	17.6	24.4	25.0	0.8	P12260-ND	3.26	27.90	218.55	1395.00	ECWF-F6135HL
	.01	±5%	12.5	5.2	8.0	10.0	0.6	P12110-ND	1.11	9.50	74.45	475.20	ECWF-F6103JL
	.011	±5%	12.5	5.4	8.2	10.0	0.6	P12112-ND	1.11	9.50	74.45	475.20	ECWF-F6113JL
	.012	±5%	12.5	5.5	8.3	10.0	0.6	P12114-ND	1.11	9.50	74.45	475.20	ECWF-F6123JL
	.013	±5%	12.5	5.6	8.5	10.0	0.6	P12116-ND	1.11	9.50	74.45	475.20	ECWF-F6133JL
	.015	±5%	12.5	5.9	8.7	10.0	0.6	P12118-ND	1.11	9.50	74.45	475.20	ECWF-F6153JL
	.016	±5%	12.5	6.0	8.9	10.0	0.6	P12120-ND	1.11	9.50	74.45	475.20	ECWF-F6163JL
.018	±5%	12.5	6.2	9.1	10.0	0.6	P12122-ND	1.16	9.98	78.16	498.90	ECWF-F6183JL	
.02	±5%	12.5	6.5	9.3	10.0	0.6	P12124-ND	1.16	9.98	78.16	498.90	ECWF-F6203JL	
.022	±5%	12.5	6.2	9.0	10.0	0.6	P12126-ND	1.22	10.46	81.90	522.75	ECWF-F6223JL	
.024	±5%	12.5	6.4	9.2	10.0	0.6	P12128-ND	1.22	10.46	81.90	522.75	ECWF-F6243JL	
.027	±5%	13.0	6.6	9.5	10.0	0.8	P12130-ND	1.28	10.93	85.61	546.45	ECWF-F6273JL	
.03	±5%	13.0	6.9	9.7	10.0	0.8	P12132-ND	1.28	10.93	85.61	546.45	ECWF-F6303JL	
.033	±5%	13.0	7.1	10.0	10.0	0.8	P12134-ND	1.33	11.40	89.32	570.15	ECWF-F6333JL	
.036	±5%	13.0	7.3	10.2	10.0	0.8	P12136-ND	1.33	11.40	89.32	570.15	ECWF-F6363JL	
.039	±5%	13.0	7.6	10.4	10.0	0.8	P12138-ND	1.39	11.88	93.06	594.00	ECWF-F6393JL	
.043	±5%	13.0	7.9	10.7	10.0	0.8	P12140-ND	1.39	11.88	93.06	594.00	ECWF-F6433JL	
.047	±5%	15.5	6.4	10.8	12.5	0.8	P12142-ND	1.44	12.35	96.77	617.70	ECWF-F6473JL	
.051	±5%	15.5	6.6	11.0	12.5	0.8	P12144-ND	1.44	12.35	96.77	617.70	ECWF-F6513JL	
.056	±5%	15.5	6.8	11.2	12.5	0.8	P12146-ND	1.50	12.83	100.49	641.40	ECWF-F6563JL	

WV DC	电容 (μF)	容差	尺寸 (mm)					Digi-Key 零件编号	价格				Panasonic 零件编号
			L	T	H	F	d		1	10	100	1,000	
630 WV	.062	±5%	15.5	7.1	11.5	12.5	0.8	P12148-ND	1.50	12.83	100.49	641.40	ECWF-F6623JL
	.068	±5%	15.5	7.4	11.8	12.5	0.8	P12150-ND	1.55	13.31	104.22	665.25	ECWF-F6683JL
	.075	±5%	15.5	7.7	12.1	12.5	0.8	P12152-ND	1.55	13.31	104.22	665.25	ECWF-F6753JL
	.082	±5%	15.5	8.0	12.4	12.5	0.8	P12154-ND	1.55	13.31	104.22	665.25	ECWF-F6823JL
	.091	±5%	15.5	8.3	12.7	12.5	0.8	P12156-ND	1.55	13.31	104.22	665.25	ECWF-F6913JL
	.1	±5%	18.0	7.7	12.1	15.0	0.8	P12158-ND	1.55	13.31	104.22	665.25	ECWF-F6104JL
	.11	±5%	18.0	8.0	12.4	15.0	0.8	P12160-ND	1.56	13.35	104.60	667.65	ECWF-F6114JL
	.12	±5%	18.0	8.3	12.7	15.0	0.8	P12162-ND	1.56	13.40	104.97	670.05	ECWF-F6124JL
	.13	±5%	18.0	8.5	13.0	15.0	0.8	P12164-ND	1.64	14.06	110.17	703.20	ECWF-F6134JL
	.15	±5%	18.0	9.1	13.5	15.0	0.8	P12166-ND	1.72	14.73	115.39	736.50	ECWF-F6154JL
	.16	±5%	18.0	9.3	13.8	15.0	0.8	P12168-ND	1.72	14.78	115.76	738.90	ECWF-F6164JL
	.18	±5%	18.0	9.8	14.2	15.0	0.8	P12170-ND	1.73	14.83	116.14	741.30	ECWF-F6184JL
	.2	±5%	18.0	10.3	14.7	15.0	0.8	P12172-ND	1.75	15.02	117.62	750.75	ECWF-F6204JL
	.22	±5%	18.0	10.8	15.5	15.0	0.8	P12174-ND	1.76	15.11	118.37	755.55	ECWF-F6224JL
	.24	±5%	18.0	11.2	15.9	15.0	0.8	P12261-ND	1.78	15.25	119.47	762.60	ECWF-F6244JL
	.27	±5%	20.5	10.4	16.7	17.5	0.8	P12262-ND	1.83	15.67	122.74	783.45	ECWF-F6274JL
	.3	±5%	20.5	10.9	17.2	17.5	0.8	P12263-ND	1.85	15.88	124.41	794.10	ECWF-F6304JL
	.33	±5%	20.5	11.4	17.7	17.5	0.8	P12264-ND	1.88	16.10	126.10	804.90	ECWF-F6334JL
	.36	±5%	20.5	11.9	18.5	17.5	0.8	P12265-ND	1.90	16.31	127.77	815.55	ECWF-F6364JL
	.39	±5%	20.5	12.4	19.0	17.5	0.8	P12266-ND	1.93	16.53	129.46	826.35	ECWF-F6394JL
.43	±5%	20.5	13.0	19.5	17.5	0.8	P12267-ND	1.95	16.74	131.13	837.00	ECWF-F6434JL	
.47	±5%	20.5	13.5	20.1	17.5	0.8	P12268-ND	1.98	16.96	132.82	847.80	ECWF-F6474JL	
.51	±5%	28.0	11.1	17.3	25.0	0.8	P12269-ND	2.00	17.17	134.49	858.45	ECWF-F6514JL	
.56	±5%	28.0	11.6	17.8	25.0	0.8	P12270-ND	2.05	17.60	137.85	879.90	ECWF-F6564JL	
.62	±5%	28.0	12.1	18.7	25.0	0.8	P12271-ND	2.10	18.03	141.24	901.50	ECWF-F6624JL	
.68	±5%	28.0	12.7	19.3	25.0	0.8	P12272-ND	2.15	18.46	144.60	922.95	ECWF-F6684JL	
.75	±5%	28.0	13.3	19.9	25.0	0.8	P12273-ND	2.20	18.89	147.96	944.40	ECWF-F6754JL	
.82	±5%	28.0	13.9	20.5	25.0	0.8	P12274-ND	2.25	19.32	151.32	965.85	ECWF-F6824JL	
.91	±5%	28.0	14.6	21.2	25.0	0.8	P12275-ND	2.33	19.96	156.35	997.95	ECWF-F6914JL	
1.0	±5%	28.0	15.5	22.3	25.0	0.8	P12276-ND	2.40	20.60	161.40	1030.20	ECWF-F6105JL	
1.1	±5%	28.0	16.3	23.0	25.0	0.8	P12277-ND	2.48	21.25	166.45	1062.45	ECWF-F6115JL	
1.2	±5%	28.0	17.0	23.7	25.0	0.8	P12278-ND	2.55	21.89	171.48	1094.55	ECWF-F6125JL	
1.3	±5%	28.0	17.6	24.4	25.0	0.8	P12279-ND	2.65	22.75	178.22	1137.60	ECWF-F6135JL	

◆符合RoHS规范要求

F

Panasonic 高电压金属化聚丙烯膜电容器 - ECWH (V)

专为需要高频和高脉冲的应用而设计。

特点:

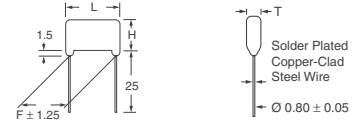
- 损失低, 固有温度上升 • 优良电子特性 • 阻燃环氧树脂涂层

推荐应用:

- 高脉冲电路 (TV, 显示屏, 电子镇流器等)

电气规格:

- 温度范围: -25°C ~ 85°C • 额定电压: 1250VDC 或 1600VDC • 电容公差: ±5%
- 耗散因数: 在 1k 时, 0.1% 或更小; 在 10kHz 时, 0.2% 或更小 • 耐受电压: 端子间-额定电压 (VDC) x 150%, 60 秒; 端子和外壳之间-1500VAC, 60 秒 • 绝缘电阻: 在 500VDC, 20° 条件下最小为 30,000 MΩ, 持续 60 秒



WV DC	电容 (μF)	容差	尺寸 (mm)					Digi-Key 零件编号	价格					Panasonic 零件编号
			L	T	H	F	d		1	10	100	1,000	5,000	
1250 WV	.0010	±5%	18.0	6.5	13.5	15.0	P10470-ND	.79	6.76	52.95	337.95	315.42/M	ECWF-H12102JV	
	.0012	±5%	18.0	7.0	13.5	15.0	P10471-ND	.79	6.76	52.95	337.95	315.42/M	ECWF-H12122JV	
	.0015	±5%	18.0	6.5	13.5	15.0	P10472-ND	.82	7.07	55.37	353.40	329.84/M	ECWF-H12152JV	
	.0018	±5%	18.0	7.0	14.0	15.0	P10473-ND	.82	7.07	55.37	353.40	329.84/M	ECWF-H12182JV	
	.0022	±5%	18.0	6.5	13.5	15.0	P10474-ND	.86	7.35	57.58	367.50	343.00/M	ECWF-H12222JV	
	.0027	±5%	18.0	7.0	14.0	15.0	P10475-ND	.89	7.60	59.55	380.10	354.76/M	ECWF-H12272JV	
	.0033	±5%	18.0	7.5	14.5	15.0	P10476-ND	.91	7.80	61.08	389.85	363.86/M	ECWF-H12332JV	
	.0039	±5%	18.0	6.0	12.5	15.0	P10477-ND	.91	7.80	61.08	389.85	363.86/M	ECWF-H12392JV	
	.0047	±5%	18.0	6.0	13.0	15.0	P10478-ND	.91	7.80	61.08	389.85	363.86/M	ECWF-H12472JV	
	.0056	±5%	18.0	6.5	13.5	15.0	P10479-ND	.95	8.11	63.52	405.45	378.42/M	ECWF-H12562JV	
	.0068	±5%	18.0	7.0	13.5	15.0	P10480-ND	1.05	9.01	70.57	450.45	420.42/M	ECWF-H12682JV	
	.0082	±5%	18.0	7.5	14.0	15.0	P10481-ND	1.10	9.43	73.86	471.45	440.02/M	ECWF-H12822JV	
	.010	±5%	18.0	8.0	15.0	15.0	P10482-ND	1.13	9.71	76.09	485.70	453.32/M	ECWF-H12103JV	
	.012	±5%	18.0	8.5	15.5	15.0	P10483-ND	1.19	10.16	79.59	508.05	474.18/M	ECWF-H12123JV	
	.015	±5%	18.0	9.5	16.0	15.0	P10484-ND	1.31	11.19	87.66	559.50	522.20/M	ECWF-H12153JV	
	.018	±5%	23.0	7.5	16.0	20.0	P10485-ND	1.45	12.47	97.69	623.55	581.98/M	ECWF-H12183JV	
	.022	±5%	23.0	8.5	16.5	20.0	P10486-ND	1.58	13.57	106.27	678.30	633.08/M	ECWF-H12223JV	
	.027	±5%	23.0	9.0	17.5	20.0	P10487-ND	1.92	16.44					

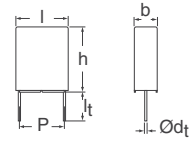


金属化聚丙烯滤波电容器

MKP 416 至 420 系列

应用: • 由于低触点电阻和低电介损失而使损耗降低, 适于需要高频或高稳定性的应用场合
• 它们的小型尺寸适合于高封装密度的电路

技术规格: • 额定温度 (DC): 85°C • 电容公差: ±2%



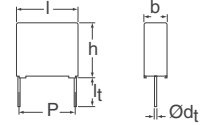
电压 (VDC)	电容 (µF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l _t	Od _t		1	10	100	
MKP 416 系列												
63	.036	4.5	9.0	7.2	5.0	4.0	.50	BC2065-ND	.55	.47	.32	2222 416 43603
	.039	4.5	9.0	7.2	5.0	4.0	.50	BC2066-ND	.55	.47	.32	2222 416 43903
	.043	4.5	9.0	7.2	5.0	4.0	.50	BC2067-ND	.55	.47	.32	2222 416 44303
	.047	4.5	9.0	7.2	5.0	4.0	.50	BC2068-ND	.56	.49	.33	2222 416 44703
	.051	6.0	11.0	7.2	5.0	4.0	.50	BC2069-ND	.56	.49	.33	2222 416 45103
	.056	6.0	11.0	7.2	5.0	4.0	.50	BC2070-ND	.58	.50	.34	2222 416 45603
	.062	6.0	11.0	7.2	5.0	4.0	.50	BC2071-ND	.60	.52	.35	2222 416 46203
	.068	6.0	11.0	7.2	5.0	4.0	.50	BC2072-ND	.61	.53	.36	2222 416 46803
	.075	6.0	11.0	7.2	5.0	4.0	.50	BC2073-ND	.61	.53	.36	2222 416 47503
	.082	6.0	11.0	7.2	5.0	4.0	.50	BC2074-ND	.63	.55	.37	2222 416 48203
	.091	6.0	11.0	7.2	5.0	4.0	.50	BC2075-ND	.63	.55	.37	2222 416 49103
	.10	6.0	11.0	7.2	5.0	4.0	.50	BC2054-ND	.63	.55	.37	2222 416 41004
	.11	6.0	11.0	7.2	5.0	4.0	.50	BC2055-ND	.66	.57	.38	2222 416 41104
	.12	6.0	11.0	7.2	5.0	4.0	.50	BC2056-ND	.68	.59	.39	2222 416 41204
	.13	5.0	11.0	12.5	10.0	4.0	.60	BC2057-ND	.68	.59	.39	2222 416 41304
	.15	5.0	11.0	12.5	10.0	4.0	.60	BC2058-ND	.69	.60	.40	2222 416 41504
	.16	6.0	12.0	12.5	10.0	4.0	.60	BC2059-ND	.71	.61	.41	2222 416 41604
	.18	6.0	12.0	12.5	10.0	4.0	.60	BC2060-ND	.73	.63	.42	2222 416 41804
	.20	6.0	12.0	12.5	10.0	4.0	.60	BC2061-ND	.74	.64	.43	2222 416 42004
.22	6.0	12.0	12.5	10.0	4.0	.60	BC2062-ND	.76	.66	.44	2222 416 42204	
.24	6.0	12.0	12.5	10.0	4.0	.60	BC2063-ND	.80	.69	.46	2222 416 42404	
.27	6.0	12.0	12.5	10.0	4.0	.60	BC2064-ND	.82	.71	.48	2222 416 42704	
.30	6.0	12.0	17.5	15.0	3.5	.60	BC2078-ND	.80	.69	.46	2222 416 73004	
.33	6.0	12.0	17.5	15.0	3.5	.60	BC2079-ND	.82	.71	.47	2222 416 73304	
.36	6.0	12.0	17.5	15.0	3.5	.60	BC2080-ND	.86	.74	.50	2222 416 73604	
.39	6.0	12.0	17.5	15.0	3.5	.60	BC2081-ND	.90	.78	.52	2222 416 73904	
.43	7.0	13.5	17.5	15.0	3.5	.80	BC2082-ND	.94	.81	.54	2222 416 74304	
.47	7.0	13.5	17.5	15.0	3.5	.80	BC2083-ND	.97	.84	.56	2222 416 74704	
.51	7.0	13.5	17.5	15.0	3.5	.80	BC2084-ND	1.02	.88	.59	2222 416 75104	
.56	7.0	13.5	17.5	15.0	3.5	.80	BC2085-ND	1.04	.89	.60	2222 416 75604	
.62	8.5	15.0	17.5	15.0	3.5	.80	BC2086-ND	1.10	.95	.63	2222 416 76204	
.68	8.5	15.0	17.5	15.0	3.5	.80	BC2087-ND	1.15	.99	.66	2222 416 76804	
.75	8.5	15.0	17.5	15.0	3.5	.80	BC2088-ND	1.22	1.05	.70	2222 416 77504	
.82	8.5	15.0	17.5	15.0	3.5	.80	BC2089-ND	1.31	1.13	.75	2222 416 78204	
.91	10.0	16.5	17.5	15.0	3.5	.80	BC2090-ND	1.41	1.21	.81	2222 416 79104	
1.0	10.0	16.5	17.5	15.0	3.5	.80	BC2076-ND	1.48	1.27	.85	2222 416 71005	
1.1	10.0	16.5	17.5	15.0	3.5	.80	BC2077-ND	1.61	1.38	.92	2222 416 71105	
MKP 417 系列												
63	.024	4.5	9.0	7.2	5.0	4.0	.50	BC2100-ND	.58	.50	.34	2222 417 42403
	.03	4.5	9.0	7.2	5.0	4.0	.50	BC2103-ND	.60	.52	.35	2222 417 43003
	.036	6.0	11.0	7.2	5.0	4.0	.50	BC2105-ND	.60	.52	.35	2222 417 43603
	.039	6.0	11.0	7.2	5.0	4.0	.50	BC2106-ND	.60	.52	.35	2222 417 43903
	.043	6.0	11.0	7.2	5.0	4.0	.50	BC2107-ND	.60	.52	.35	2222 417 44303
	.056	6.0	11.0	7.2	5.0	4.0	.50	BC2110-ND	.64	.56	.37	2222 417 45603
	.062	6.0	11.0	7.2	5.0	4.0	.50	BC2111-ND	.66	.57	.38	2222 417 46203
	.068	6.0	11.0	7.2	5.0	4.0	.50	BC2112-ND	.68	.59	.39	2222 417 46803
	.075	4.0	10.0	12.5	10.0	4.0	.60	BC2113-ND	.68	.59	.39	2222 417 47503
	.082	4.0	10.0	12.5	10.0	4.0	.60	BC2114-ND	.68	.59	.39	2222 417 48203
	.091	4.0	10.0	12.5	10.0	4.0	.60	BC2115-ND	.69	.60	.40	2222 417 49103
	.11	5.0	11.0	12.5	10.0	4.0	.60	BC2092-ND	.73	.63	.42	2222 417 41104
	.15	5.0	11.0	12.5	10.0	4.0	.60	BC2095-ND	.76	.66	.44	2222 417 41504
	.16	6.0	12.0	12.5	10.0	4.0	.60	BC2096-ND	.78	.67	.45	2222 417 41604
	.18	6.0	12.0	12.5	10.0	4.0	.60	BC2097-ND	.80	.69	.46	2222 417 41804
	.20	6.0	12.0	12.5	10.0	4.0	.60	BC2098-ND	.81	.70	.47	2222 417 42004
	.27	5.0	11.0	17.5	15.0	3.5	.80	BC2118-ND	.81	.70	.47	2222 417 72704
	.30	6.0	12.0	17.5	15.0	3.5	.60	BC2119-ND	.87	.75	.50	2222 417 73004
	.36	6.0	12.0	17.5	15.0	3.5	.60	BC2121-ND	.93	.80	.54	2222 417 73604
.39	6.0	12.0	17.5	15.0	3.5	.60	BC2122-ND	.97	.84	.56	2222 417 73904	
.43	7.0	13.5	17.5	15.0	3.5	.80	BC2123-ND	1.01	.87	.58	2222 417 74304	
.62	8.5	15.0	17.5	15.0	3.5	.80	BC2127-ND	1.19	1.02	.68	2222 417 76204	
.75	8.5	15.0	17.5	15.0	3.5	.80	BC2129-ND	1.31	1.13	.76	2222 417 77504	
.91	10.0	16.5	17.5	15.0	3.5	.80	BC2131-ND	1.52	1.31	.87	2222 417 79104	
MKP 418 系列												
250	.015	3.5	8.0	7.2	5.0	4.0	.50	BC2140-ND	.53	.46	.31	2222 418 41503
	.016	4.5	9.0	7.2	5.0	4.0	.50	BC2141-ND	.55	.47	.32	2222 418 41603
	.02	4.5	9.0	7.2	5.0	4.0	.50	BC2143-ND	.58	.50	.34	2222 418 42003
	.024	4.5	9.0	7.2	5.0	4.0	.50	BC2145-ND	.61	.53	.36	2222 418 42403
	.027	6.0	11.0	7.2	5.0	4.0	.50	BC2146-ND	.63	.55	.37	2222 418 42703
	.03	6.0	11.0	7.2	5.0	4.0	.50	BC2147-ND	.64	.56	.37	2222 418 43003
	.036	6.0	11.0	7.2	5.0	4.0	.50	BC2149-ND	.66	.57	.38	2222 418 43603
	.039	6.0	11.0	7.2	5.0	4.0	.50	BC2150-ND	.66	.57	.38	2222 418 43903
	.043	6.0	11.0	7.2	5.0	4.0	.50	BC2151-ND	.68	.59	.39	2222 418 44303
	.056	4.0	10.0	12.5	10.0	4.0	.60	BC2154-ND	.71	.61	.41	2222 418 45603
	.062	4.0	10.0	12.5	10.0	4.0	.60	BC2155-ND	.73	.63	.42	2222 418 46203
	.075	5.0	11.0	12.5	10.0	4.0	.60	BC2157-ND	.74	.64	.43	2222 418 47503
	.082	5.0	11.0	12.5	10.0	4.0	.60	BC2158-ND	.76	.66	.44	2222 418 48203
	.11	6.0	12.0	12.5	10.0	4.0	.60	BC2135-ND	.81	.70	.47	2222 418 41104
	.13	6.0	12.0	12.5	10.0	4.0	.60	BC2139-ND	.86	.74	.49	2222 418 41304
	.15	5.0	11.0	17.5	15.0	3.5	.60	BC2160-ND	.76	.66	.44	2222 418 71504
	.16	5.0	11.0	17.5	15.0	3.5	.60	BC2161-ND	.79	.68	.46	2222 418 71604

电压 (VDC)	电容 (µF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l _t	Od _t		1	10	100	
250	.18	6.0	12.0	17.5	15.0	3.5	.60	BC2162-ND	.82	.71	.48	2222 418 71804
	.20	6.0	12.0	17.5	15.0	3.5	.60	BC2163-ND	.86	.74	.50	2222 418 72004
	.24	6.0	12.0	17.5	15.0	3.5	.60	BC2165-ND	.92	.79	.53	2222 418 72404
	.27	7.0	13.5	17.5	15.0	3.5	.80	BC2166-ND	.95	.82	.55	2222 418 72704
	.30	7.0	13.5	17.5	15.0	3.5	.80	BC2167-ND	.98	.85	.57	2222 418 73004
	.36	7.0	13.5	17.5	15.0	3.5	.80	BC2169-ND	1.07	.93	.62	2222 418 73604
	.39	8.5	15.0	17.5	15.0	3.5	.80	BC2170-ND	1.14	.98	.66	2222 418 73904
	.43	8.5	15.0	17.5	15.0	3.5	.80	BC2171-ND	1.21	1.04	.69	2222 418 74304
	.47	8.5	15.0	17.5	15.0	3.5	.80	BC2172-ND	1.27	1.09	.73	2222 418 74704
	.51	8.5	15.0	17.5	15.0	3.5	.80	BC2173-ND	1.35	1.16	.78	2222 418 75104
	.56	10.0	16.5	17.5	15.0	3.5	.80	BC2174-ND	1.44	1.24	.83	2222 418 75604
	.62</											



AC 和脉冲双金属化聚丙烯膜电容器 MMKP 383 系列

特点: • 触点电阻低 • 低损耗电介 • 小尺寸, 适用于高密度封装 应用: • 电器照明, 例如镇流器 • 电机控制电路 • S-校正 • 在有陡脉冲的场合, 例如: SMPS (开关电源) • 对于回扫应用, 请使用 1400V 系列 • 适用于热沥青封装工艺 技术规格: • 额定温度 (DC): 85°C • 额定温度 (AC): 105°C • 最大使用温度: 105°C • 电容公差: ±5%



电压	电容 (µF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号	
		b	h	l	P	l ₁	Ød ₁		1	10	100		
250DC/125AC	.082	5.0	11.0	17.5	15.0	3.5	.80	BC1845-ND	.55	.47	.32	2222 383 00823	
	.091	5.0	11.0	17.5	15.0	3.5	.80	BC1847-ND	.61	.53	.36	2222 383 00913	
	.11	6.0	12.0	17.5	15.0	3.5	.80	BC1814-ND	.65	.56	.38	2222 383 00114	
	.12	6.0	12.0	17.5	15.0	3.5	.80	BC1816-ND	.62	.53	.36	2222 383 00124	
	.13	6.0	12.0	17.5	15.0	3.5	.80	BC1818-ND	.69	.59	.40	2222 383 00134	
	.15	6.0	12.0	17.5	15.0	3.5	.80	BC1820-ND	.66	.57	.38	2222 383 00154	
	.16	7.0	13.5	17.5	15.0	3.5	.80	BC1822-ND	.75	.65	.44	2222 383 00164	
	.33	10.0	16.5	17.5	15.0	3.5	.80	BC1835-ND	.94	.81	.54	2222 383 00334	
	.36	10.0	16.5	17.5	15.0	3.5	.80	BC1836-ND	1.05	.90	.60	2222 383 00364	
	.39	10.0	16.5	17.5	15.0	3.5	.80	BC1837-ND	1.00	.86	.58	2222 383 00394	
	.43	7.0	16.5	26.0	22.5	3.5	.80	BC1838-ND	1.19	1.02	.68	2222 383 00434	
	.75	10.0	19.5	26.0	22.5	3.5	.80	BC1844-ND	1.55	1.33	.89	2222 383 00754	
	.82	10.0	19.5	26.0	22.5	3.5	.80	BC1846-ND	1.47	1.27	.85	2222 383 00824	
	.91	11.0	21.0	31.0	27.5	3.5	.80	BC1848-ND	2.07	1.78	1.19	2222 383 00914	
	1.3	13.0	23.0	31.0	27.5	3.5	.80	BC1819-ND	2.56	2.20	1.47	2222 383 00135	
	2.4	18.0	28.0	31.0	27.5	3.5	.80	BC1831-ND	3.93	3.37	2.25	2222 383 00245	
	630DC/220AC	.03	5.0	11.0	17.5	15.0	3.5	.80	BC1861-ND	.56	.49	.33	2222 383 20303
		.033	5.0	11.0	17.5	15.0	3.5	.80	BC1863-ND	.54	.47	.31	2222 383 20333
.036		5.0	11.0	17.5	15.0	3.5	.80	BC1865-ND	.60	.52	.35	2222 383 20363	
.039		6.0	12.0	17.5	15.0	3.5	.80	BC1867-ND	.57	.49	.33	2222 383 20393	
.043		6.0	12.0	17.5	15.0	3.5	.80	BC1869-ND	.62	.53	.36	2222 383 20433	
.047		6.0	12.0	17.5	15.0	3.5	.80	BC1871-ND	.59	.51	.34	2222 383 20473	
.051		6.0	12.0	17.5	15.0	3.5	.80	BC1873-ND	.64	.55	.37	2222 383 20513	
.056		6.0	12.0	17.5	15.0	3.5	.80	BC1875-ND	.61	.52	.35	2222 383 20563	
.062		7.0	13.5	17.5	15.0	3.5	.80	BC1877-ND	.69	.60	.40	2222 383 20623	
.068		7.0	13.5	17.5	15.0	3.5	.80	BC1879-ND	.66	.57	.38	2222 383 20683	
.075		7.0	13.5	17.5	15.0	3.5	.80	BC1881-ND	.74	.64	.43	2222 383 20753	
.082		8.5	15.0	17.5	15.0	3.5	.80	BC1883-ND	.71	.61	.41	2222 383 20823	
.091		8.5	15.0	17.5	15.0	3.5	.80	BC1885-ND	.79	.68	.46	2222 383 20913	
.10		8.5	15.0	17.5	15.0	3.5	.80	BC1849-ND	.74	.64	.43	2222 383 20104	
.11		8.5	15.0	17.5	15.0	3.5	.80	BC1851-ND	.87	.75	.50	2222 383 20114	
.12		10.0	16.5	17.5	15.0	3.5	.80	BC1852-ND	.83	.72	.48	2222 383 20124	
.13		10.0	16.5	17.5	15.0	3.5	.80	BC1853-ND	.92	.79	.53	2222 383 20134	
.15		10.0	16.5	17.5	15.0	3.5	.80	BC1854-ND	.88	.76	.51	2222 383 20154	
.16	8.5	18.0	26.0	22.5	3.5	.80	BC1855-ND	1.07	.92	.61	2222 383 20164		
.18	8.5	18.0	26.0	22.5	3.5	.80	BC1856-ND	1.01	.87	.58	2222 383 20184		
.20	8.5	18.0	26.0	22.5	3.5	.80	BC1857-ND	1.14	.98	.66	2222 383 20204		
.22	8.5	18.0	26.0	22.5	3.5	.80	BC1858-ND	1.09	.93	.63	2222 383 20224		
.24	10.0	19.5	26.0	22.5	3.5	.80	BC1859-ND	1.24	1.07	.71	2222 383 20244		
.27	10.0	19.5	26.0	22.5	3.5	.80	BC1860-ND	1.19	1.02	.68	2222 383 20274		
.30	10.0	19.5	26.0	22.5	3.5	.80	BC1862-ND	1.71	1.47	.98	2222 383 20304		
.33	11.0	21.0	31.0	27.5	3.5	.80	BC1864-ND	1.61	1.39	.93	2222 383 20334		
.36	11.0	21.0	31.0	27.5	3.5	.80	BC1866-ND	1.81	1.56	1.04	2222 383 20364		
.39	11.0	21.0	31.0	27.5	3.5	.80	BC1868-ND	1.72	1.48	.99	2222 383 20394		
.43	11.0	21.0	31.0	27.5	3.5	.80	BC1870-ND	2.02	1.74	1.16	2222 383 20434		
.47	13.0	23.0	31.0	27.5	3.5	.80	BC1872-ND	1.92	1.65	1.10	2222 383 20474		
.51	13.0	23.0	31.0	27.5	3.5	.80	BC1874-ND	2.18	1.87	1.25	2222 383 20514		
.56	13.0	23.0	31.0	27.5	3.5	.80	BC1876-ND	2.08	1.79	1.19	2222 383 20564		
.62	15.0	25.0	31.0	27.5	3.5	.80	BC1878-ND	2.45	2.10	1.40	2222 383 20624		
.68	15.0	25.0	31.0	27.5	3.5	.80	BC1880-ND	2.34	2.01	1.34	2222 383 20684		
.75	15.0	25.0	31.0	27.5	3.5	.80	BC1882-ND	2.91	2.50	1.67	2222 383 20754		
.82	18.0	28.0	31.0	27.5	3.5	.80	BC1884-ND	2.77	2.38	1.59	2222 383 20824		
.91	18.0	28.0	31.0	27.5	3.5	.80	BC1886-ND	3.25	2.79	1.86	2222 383 20914		
1.0	18.0	28.0	31.0	27.5	3.5	.80	BC1850-ND	3.10	2.66	1.77	2222 383 20105		
1000DC/350AC	.012	5.0	11.0	17.5	15.0	3.5	.80	BC1889-ND	.66	.57	.38	2222 383 30123	
	.013	5.0	11.0	17.5	15.0	3.5	.80	BC1891-ND	.72	.62	.41	2222 383 30133	
	.015	5.0	11.0	17.5	15.0	3.5	.80	BC1893-ND	.69	.59	.40	2222 383 30153	
	.016	5.0	11.0	17.5	15.0	3.5	.80	BC1895-ND	.75	.65	.44	2222 383 30163	
	.018	6.0	12.0	17.5	15.0	3.5	.80	BC1897-ND	.72	.62	.41	2222 383 30183	

电压	电容 (µF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l ₁	Ød ₁		1	10	100	
1000DC/350AC	.02	6.0	12.0	17.5	15.0	3.5	.80	BC1899-ND	.80	.69	.46	2222 383 30203
	.022	6.0	12.0	17.5	15.0	3.5	.80	BC1901-ND	.76	.66	.44	2222 383 30223
	.024	6.0	12.0	17.5	15.0	3.5	.80	BC1903-ND	.86	.74	.49	2222 383 30243
	.027	7.0	13.5	17.5	15.0	3.5	.80	BC1905-ND	.81	.70	.47	2222 383 30273
	.03	7.0	13.5	17.5	15.0	3.5	.80	BC1907-ND	.92	.79	.53	2222 383 30303
	.033	7.0	13.5	17.5	15.0	3.5	.80	BC1909-ND	.88	.76	.51	2222 383 30333
	.036	8.5	15.0	17.5	15.0	3.5	.80	BC1911-ND	.96	.83	.56	2222 383 30363
	.039	8.5	15.0	17.5	15.0	3.5	.80	BC1913-ND	.92	.79	.53	2222 383 30393
	.043	8.5	15.0	17.5	15.0	3.5	.80	BC1915-ND	1.04	.90	.60	2222 383 30433
	.047	8.5	15.0	17.5	15.0	3.5	.80	BC1917-ND	1.00	.86	.57	2222 383 30473
	.051	10.0	16.5	17.5	15.0	3.5	.80	BC1919-ND	1.11	.96	.64	2222 383 30513
	.056	10.0	16.5	17.5	15.0	3.5	.80	BC1920-ND	1.05	.90	.60	2222 383 30563
	.062	10.0	16.5	17.5	15.0	3.5	.80	BC1921-ND	1.22	1.05	.70	2222 383 30623
	.068	7.0	16.5	26.0	22.5	3.5	.80	BC1922-ND	1.16	1.00	.67	2222 383 30683
	.075	8.5	18.0	26.0	22.5	3.5	.80	BC1923-ND	1.35	1.16	.78	2222 383 30753
	.082	8.5	18.0	26.0	22.5	3.5	.80	BC1924-ND	1.29	1.11	.74	2222 383 30823
	.091	8.5	18.0	26.0	22.5	3.5	.80	BC1925-ND	1.52	1.31	.88	2222 383 30913
	.10	10.0	19.5	26.0	22.5	3.5	.80	BC1887-ND	1.45	1.25	.83	2222 383 30104
.11	10.0	19.5	26.0	22.5	3.5	.80	BC1888-ND	1.83	1.57	1.05	2222 383 30114	
.12	10.0	19.5	26.0	22.5	3.5	.80	BC1890-ND	1.73	1.49	1.00	2222 383 30124	
.13	10.0	19.5	26.0	22.5	3.5	.80	BC1892-ND	2.06	1.77	1.18	2222 383 30134	
.15	11.0	21.0	31.0	27.5	3.5	.80	BC1894-ND	1.97	1.69	1.13	2222 383 30154	
.16	11.0	21.0	31.0	27.5	3.5	.80	BC1896-ND	2.28	1.96	1.31	2222 383 30164	
.18	11.0	21.0	31.0	27.5	3.5	.80	BC1898-ND	2.20	1.89	1.26	2222 383 30184	
.20	13.0	23.0	31.0	27.5	3.5	.80	BC1900-ND	2.51	2.16	1.44	2222 383 30204	
.22	13.0	23.0	31.0	27.5	3.5	.80	BC1902-ND	2.42	2.08	1.39	2222 383 30224	
.24	13.0	23.0	31.0	27.5	3.5	.80	BC1904-ND	2.80	2.41	1.61	2222 383 30244	
.27	15.0	25.0	31.0	27.5	3.5	.80	BC1906-ND	2.68	2.30	1.53	2222 383 30274	
.30	15.0	25.0	31.0	27.5	3.5	.80	BC1908-ND	3.18	2.73	1.82	2222 383 30304	
.33	15.0	25.0	31.0	27.5	3.5	.80	BC1910-ND	3.03	2.61	1.74	2222 383 30334	
.36	18.0	28.0	31.0	27.5	3.5	.80	BC1912-ND	3.45	2.96	1.98	2222 383 30364	
.39	18.0	28.0	31.0	27.5	3.5	.80	BC1914-ND	3.29	2.82	1.88	2222 383 30394	
.43	18.0	28.0	31.0	27.5	3.5	.80	BC1916-ND	3.83	3.29	2.20	2222 383 30434	
.47	18.0	28.0	31.0	27.5	3.5	.80	BC1918-ND	3.64	3.13	2.09	2222 383 30474	
.0024	5.0	11.0	17.5	15.0	3.5	.80	BC1940-ND	.52	.45	.30	2222 383 40242	
.003	5.0	11.0	17.5	15.0	3.5	.80	BC1944-ND	.55	.47	.32	2222 383 40302	
.0036	5.0	11.0	17.5	15.0	3.5	.80	BC1948-ND	.56	.49	.33	2222 383 40362	
.0043	6.0	12.0	17.5	15.0	3.5	.80	BC1952-ND	.59	.51	.34	2222 383 40432	
.0082	7.0	13.5	17.5	15.0	3.5	.80	BC1966-ND	.66	.57	.38	2222 383 40822	
.011	8.5	15.0										



AC 和脉冲双金属化聚丙烯膜电容器 MMKP 383 系列 (接上页)

电压	电容 (μF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l _t	od _t		1	10	100	
1600DC/550AC	.0033	5.0	11.0	17.5	15.0	3.5	.80	BC1987-ND	.55	.48	.32	2222 383 50332
	.0036	5.0	11.0	17.5	15.0	3.5	.80	BC1989-ND	.60	.52	.35	2222 383 50362
	.0039	5.0	11.0	17.5	15.0	3.5	.80	BC1991-ND	.57	.49	.33	2222 383 50392
	.0043	6.0	12.0	17.5	15.0	3.5	.80	BC1993-ND	.62	.54	.36	2222 383 50432
	.0047	6.0	12.0	17.5	15.0	3.5	.80	BC1995-ND	.60	.52	.35	2222 383 50472
	.0051	6.0	12.0	17.5	15.0	3.5	.80	BC1997-ND	.66	.57	.38	2222 383 50512
	.0056	6.0	12.0	17.5	15.0	3.5	.80	BC1999-ND	.62	.54	.36	2222 383 50562
	.0062	7.0	13.5	17.5	15.0	3.5	.80	BC2001-ND	.69	.59	.40	2222 383 50622
	.0068	7.0	13.5	17.5	15.0	3.5	.80	BC2003-ND	.66	.57	.38	2222 383 50682
	.0075	7.0	13.5	17.5	15.0	3.5	.80	BC2005-ND	.74	.63	.43	2222 383 50752
	.0082	8.5	15.0	17.5	15.0	3.5	.80	BC2007-ND	.69	.60	.40	2222 383 50822
	.0091	8.5	15.0	17.5	15.0	3.5	.80	BC2009-ND	.76	.66	.44	2222 383 50912
	.01	8.5	15.0	17.5	15.0	3.5	.80	BC1970-ND	.74	.63	.43	2222 383 50103
	.011	8.5	15.0	17.5	15.0	3.5	.80	BC1972-ND	.83	.72	.48	2222 383 50113
	.015	10.0	16.5	17.5	15.0	3.5	.80	BC1978-ND	.86	.74	.49	2222 383 50153
	.016	7.0	16.5	26.0	22.5	3.5	.80	BC1980-ND	1.00	.86	.58	2222 383 50163
.018	7.0	16.5	26.0	22.5	3.5	.80	BC1981-ND	.95	.82	.55	2222 383 50183	
.02	7.0	16.5	26.0	22.5	3.5	.80	BC1982-ND	1.08	.93	.62	2222 383 50203	
.022	8.5	18.0	26.0	22.5	3.5	.80	BC1983-ND	1.02	.88	.59	2222 383 50223	
.024	8.5	18.0	26.0	22.5	3.5	.80	BC1984-ND	1.16	1.00	.67	2222 383 50243	
.027	8.5	18.0	26.0	22.5	3.5	.80	BC1985-ND	1.11	.96	.64	2222 383 50273	
.03	8.5	18.0	26.0	22.5	3.5	.80	BC1986-ND	1.30	1.12	.75	2222 383 50303	

电压	电容 (μF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l _t	od _t		1	10	100	
1600DC/550AC	.033	10.0	19.5	26.0	22.5	3.5	.80	BC1988-ND	1.23	1.06	.71	2222 383 50333
	.036	10.0	19.5	26.0	22.5	3.5	.80	BC1990-ND	1.45	1.25	.83	2222 383 50363
	.039	10.0	19.5	26.0	22.5	3.5	.80	BC1992-ND	1.38	1.19	.79	2222 383 50393
	.043	11.0	21.0	31.0	27.5	3.5	.80	BC1994-ND	1.86	1.60	1.07	2222 383 50433
	.047	11.0	21.0	31.0	27.5	3.5	.80	BC1996-ND	1.78	1.53	1.02	2222 383 50473
	.051	11.0	21.0	31.0	27.5	3.5	.80	BC1998-ND	2.00	1.72	1.15	2222 383 50513
	.056	11.0	21.0	31.0	27.5	3.5	.80	BC2000-ND	1.90	1.63	1.09	2222 383 50563
	.062	13.0	23.0	31.0	27.5	3.5	.80	BC2002-ND	2.22	1.91	1.27	2222 383 50623
	.068	13.0	23.0	31.0	27.5	3.5	.80	BC2004-ND	2.12	1.83	1.22	2222 383 50683
	.075	13.0	23.0	31.0	27.5	3.5	.80	BC2006-ND	2.58	2.22	1.48	2222 383 50753
	.082	15.0	25.0	31.0	27.5	3.5	.80	BC2008-ND	2.45	2.10	1.40	2222 383 50823
	.091	15.0	25.0	31.0	27.5	3.5	.80	BC2010-ND	2.74	2.35	1.57	2222 383 50913
	.10	15.0	25.0	31.0	27.5	3.5	.80	BC1971-ND	2.61	2.24	1.50	2222 383 50104
	.11	18.0	28.0	31.0	27.5	3.5	.80	BC1973-ND	3.19	2.74	1.83	2222 383 50114
	.12	18.0	28.0	31.0	27.5	3.5	.80	BC1975-ND	3.06	2.63	1.75	2222 383 50124
	.13	18.0	28.0	31.0	27.5	3.5	.80	BC1977-ND	3.58	3.07	2.05	2222 383 50134
.15	18.0	28.0	31.0	27.5	3.5	.80	BC1979-ND	3.42	2.93	1.96	2222 383 50154	
2500DC/900AC	.0012	6.0	15.5	26.0	22.5	3.5	.80	BC2015-ND	.84	.72	.48	2222 383 70122
	.0015	6.0	15.5	26.0	22.5	3.5	.80	BC2019-ND	.84	.72	.48	2222 383 70152
	.003	6.0	15.5	26.0	22.5	3.5	.80	BC2033-ND	.90	.78	.52	2222 383 70302
	.016	9.0	19.0	31.0	27.5	3.5	.80	BC2022-ND	1.64	1.41	.94	2222 383 70163
	.036	15.0	25.0	31.0	27.5	3.5	.80	BC2038-ND	2.48	2.13	1.42	2222 383 70363

◆符合 RoHS 规范要求

F

干扰抑制薄膜电容器 MKP 338 X1 和 MKP 338 X2

特点:

• 包含一个低电感金属化聚丙烯膜绕线式单元, 封装在一个阻燃外壳中

X1 应用:

• 用于 X1 电磁干扰抑制 • 专为满足 "IEC 60384-14 第 2 版和 EN 132400" 而设计, 要求 4kV 峰值脉冲电压测试和 UL1414 与 CSA-C22.2 No. 1 规范

X2 应用:

• 用于 X2 电磁干扰抑制 • 专为满足 "IEC 60384-14 第 2 版和 EN 132400" 而设计, 对 X2 要求 2.5kV 峰值电压

冲电压测试和满足 UL1414 与 CSA-C22.2 No. 1 规范

X1 规格:

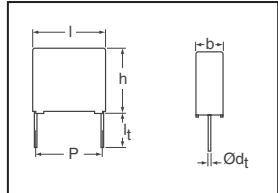
额定 (AC) 电压, 50 至 60Hz: 440V 额定 (DC) 电压: 1000V 额定温度: 105°C 电容公差: ±20% 安全等级: X1; 跨线

X2 规格:

额定 (AC) 电压, 50 至 60Hz: 275V 额定 (DC) 电压: 630V 额定温度: 105°C 电容公差: ±20% 安全等级: X2 跨线

安全认证 (X1)	电压	阻值	文件编号
UL1414	250V (AC)	10nF 至 1μF	E112471
UL1283 和 CSA 22.2.8	440V (AC)	10nF 至 1μF	申请中
EN132400	440V (AC)	10nF 至 1μF	ENEC/B04/2001

安全认证 (X2)	电压	阻值	文件编号
UL1414	250V (AC)	1nF 至 1μF	E112471
UL1283	305V (AC)	1nF 至 3.3μF	E109565
CSA-C22.2 No. 1	250V (AC)	1nF 至 1μF	1087424 (LR94054-15)
CSA-C22.2 No. 8	275V (AC)	1nF 至 3.3μF	1078568
CCEE	275V (AC)	1nF 至 3.3μF	CH0038043-99
EN132400	275V (AC)	1nF 至 3.3μF	ENEC/B05/2001

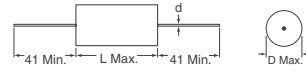


电压	电容 (μF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l _t	od _t		1	10	100	
MKP 338 X1 系列 (±20% 公差)												
440 (AC)	.01	5.0	11.0	17.5	15.0	3.5	.60	BC1574-ND	.77	.67	.45	2222 338 10103
	.01	5.0	11.0	17.5	15.0	25.0	.60	BC1587-ND	.77	.67	.45	2222 338 14103
	.015	5.0	11.0	17.5	15.0	3.5	.60	BC1577-ND	.79	.68	.45	2222 338 10153
	.015	5.0	11.0	17.5	15.0	25.0	.60	BC1590-ND	.79	.68	.45	2222 338 14153
	.022	5.0	11.0	17.5	15.0	3.5	.60	BC1579-ND	.79	.68	.46	2222 338 10223
	.022	5.0	11.0	17.5	15.0	25.0	.60	BC1592-ND	.79	.68	.46	2222 338 14223
	.033	6.0	12.0	17.5	15.0	3.5	.60	BC1581-ND	.68	.59	.39	2222 338 10333
	.033	6.0	12.0	17.5	15.0	25.0	.60	BC1594-ND	.68	.59	.39	2222 338 14333
	.047	7.0	13.5	17.5	15.0	3.5	.80	BC1583-ND	.69	.60	.40	2222 338 10473
	.047	7.0	13.5	17.5	15.0	25.0	.80	BC1596-ND	.69	.60	.40	2222 338 14473
	.068	8.5	15.0	17.5	15.0	3.5	.80	BC1585-ND	.72	.62	.41	2222 338 10683
	.068	8.5	15.0	17.5	15.0	25.0	.80	BC1598-ND	.72	.62	.41	2222 338 14683
	.10	10.0	16.5	17.5	15.0	3.5	.80	BC1575-ND	.77	.66	.44	2222 338 10104
	.10	10.0	16.5	17.5	15.0	25.0	.80	BC1588-ND	.77	.66	.44	2222 338 14104
	.15	8.5	18.0	26.0	22.5	3.5	.80	BC1578-ND	.91	.78	.53	2222 338 10154
	.15	8.5	18.0	26.0	22.5	25.0	.80	BC1591-ND	.91	.78	.53	2222 338 14154
.22	10.0	19.5	26.0	22.5	3.5	.80	BC1580-ND	1.10	.94	.63	2222 338 10224	
.22	10.0	19.5	26.0	22.5	25.0	.80	BC1593-ND	1.10	.94	.63	2222 338 14224	
.33	13.0	23.0	31.0	27.5	3.5	.80	BC1582-ND	1.24	1.06	.71	2222 338 10334	
.33	13.0	23.0	31.0	27.5	25.0	.80	BC1595-ND	1.24	1.06	.71	2222 338 14334	
.47	15.0	25.0	31.0	27.5	3.5	.80	BC1584-ND	.78	.67	.45	2222 338 10474	
.47	15.0	25.0	31.0	27.5	25.0	.80	BC1597-ND	.78	.67	.45	2222 338 14474	
.68	18.0	28.0	31.0	27.5	3.5	.80	BC1586-ND	2.60	2.24	1.49	2222 338 10684	
1.0	21.0	31.0	31.0	27.5	3.5	.80	BC1576-ND	3.27	2.80	1.87	2222 338 10105	
1.0	21.0	31.0	31.0	27.5	25.0	.80	BC1589-ND	3.27	2.80	1.87	2222 338 14105	

电压	电容 (μF)	尺寸 (mm)						Digi-Key 零件编号	单价			Vishay 零件编号
		b	h	l	P	l _t	od _t		1	10	100	
MKP 338 X2 系列 (±20% 公差)												
275 (AC)	.001	4.0	9.0	10.0	7.5	3.5	.50	BC1599-ND	.35	.31	.21	2222 338 20102
	.0015	4.0	9.0	10.0	7.5	3.5	.50	BC1603-ND	.35	.31	.21	2222 338 20152
	.0022	4.0	9.0	10.0	7.5	3.5	.50	BC1607-ND	.38	.33	.22	2222 338 20222
	.0033	4.0	9.0	10.0								

940C 型圆形轴向薄膜电容器采用聚丙烯薄膜和双金属化电极，具备自愈原特性和高峰值电流承载能力 (dV/dt)。此系列具有低 ESR 特性、优异的高频和高压能力等特点。

技术规格：• 电容公差：±10% • 工作温度范围：-55°C ~ 105°C



额定电压 (DC)	电容 (µF)	尺寸 (mm)		Digi-Key 零件编号	单价			Cornell Dubilier 零件编号
		D	L		1	10	100	
600	0.33	13.5	34	1.0	338-1137-ND	2.99	2.57	2.14
	1.0	21	34	1.0	338-1138-ND	5.02	4.30	3.59
	2.0	23.5	46	1.2	338-1140-ND	7.39	6.34	5.28
	3.3	27	54	1.2	338-1141-ND	10.47	8.97	7.48
	4.7	31.5	54	1.2	338-1142-ND	14.21	12.18	10.15
850	0.15	13	34	1.0	338-1143-ND	3.17	2.73	2.27
	0.47	21	34	1.0	338-1144-ND	5.92	5.08	4.23
	1.0	22.5	46	1.2	338-1146-ND	8.81	7.56	6.30
	2.0	30.5	46	1.2	338-1148-ND	14.96	12.83	10.69
	2.2	32	46	1.2	338-1149-ND	16.53	14.17	11.81
1000	0.22	17.5	34	1.0	338-1151-ND	4.03	3.46	2.88
	0.33	20.5	34	1.0	338-1152-ND	5.26	4.51	3.76
	0.47	24	34	1.2	338-1153-ND	6.77	5.81	4.84
	1.0	26	46	1.2	338-1155-ND	9.80	8.41	7.01
	1.5	31	46	1.2	338-1156-ND	13.59	11.65	9.71
1200	0.10	15.5	34	1.0	338-1158-ND	3.32	2.85	2.37
	0.22	21.5	34	1.0	338-1160-ND	5.07	4.35	3.62
	0.33	20	46	1.0	338-1161-ND	5.64	4.84	4.03
	0.47	23	46	1.2	338-1162-ND	7.29	6.25	5.21
	1.0	33	46	1.2	338-1163-ND	12.83	11.01	9.17

额定电压 (DC)	电容 (µF)	尺寸 (mm)		Digi-Key 零件编号	单价			Cornell Dubilier 零件编号
		D	L		1	10	100	
1600	0.10	18	34	1.0	338-1165-ND	4.07	3.49	2.91
	0.15	21.5	34	1.0	338-1166-ND	4.92	4.23	3.52
	0.22	25.5	34	1.2	338-1167-ND	6.35	5.44	4.54
	0.33	23.5	46	1.2	338-1168-ND	7.15	6.13	5.11
	0.47	27.5	46	1.2	338-1169-ND	9.09	7.80	6.50
2000	0.033	13.5	34	1.0	338-1172-ND	2.80	2.40	2.00
	0.047	15	34	1.0	338-1173-ND	3.13	2.68	2.24
	0.068	17.5	34	1.0	338-1174-ND	3.55	3.05	2.54
	0.10	21	34	1.0	338-1175-ND	4.50	3.86	3.22
	0.15	19.5	46	1.0	338-1176-ND	4.98	4.27	3.56
3000	0.01	11.5	34	1.0	338-1183-ND	2.51	2.16	1.80
	0.015	13.5	34	1.0	338-1184-ND	2.70	2.32	1.93
	0.047	16.5	46	1.0	338-1185-ND	3.65	3.13	2.61
	0.068	19	46	1.0	338-1186-ND	4.60	3.95	3.29
	0.10	22.5	46	1.2	338-1187-ND	5.68	4.87	4.06

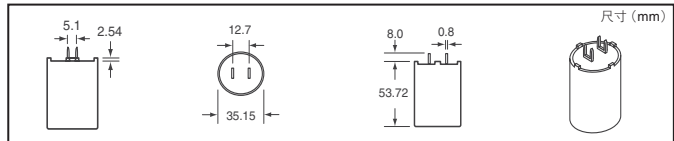
ElectroFilm 金属化聚丙烯滤波电容器

特别为 DC 高波纹电流应用而设计。采用低损失 ElectroFilm 结构，UNL 系列具有较高的波纹电流和较高的电容值，使其特别适合用于替代铝电解质产品或需要高波纹电流电容器的用途。

特点：• 极低的 ESR • 高达 10 倍的波纹电流 • 125 倍的额定浪涌电压 • 非极性 • 额定电压更高 • 干式结构 • 无电解质 • 可靠性更高

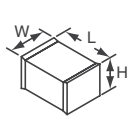
应用：• 高压反相器 • DC 总线链路 • DC 滤波

技术规格：• 电容公差：±10% • 工作温度范围：-55°C ~ 85°C • 绝缘电阻：≥ 10,000MΩ



额定电压 (DC)	电容 (µF)	在 100kHz 时的 ESR (mΩ)	峰值电流 (A)	SRF (kHz)	在 100kHz 和 25°C 时的波纹电流	Digi-Key 零件编号	单价			Cornell Dubilier 零件编号
							1	10	100	
400	30	6.0	900	155	24.2	338-1368-ND	28.12	24.10	20.09	UNL4W30K-F
500	35	8.0	910	144	22.0	338-1369-ND	55.49	47.57	39.64	UNL5W35K-F
600	30	9.0	900	155	20.7	338-1370-ND	28.59	24.51	20.43	UNL6W30K-F
750	20	10.0	740	190	19.0	338-1371-ND	45.20	38.75	32.29	UNL7W20K-F
800	15	10.0	630	219	18.8	338-1372-ND	32.53	27.88	23.24	UNL8W15K-F
900	13.5	10.5	580	231	18.0	338-1373-ND	29.73	25.49	21.24	UNL9W13P5K-F
1000	10	12.0	500	269	17.5	338-1374-ND	29.95	25.68	21.40	UNL10W10K-F
1200	7.5	13.5	450	310	16.0	338-1375-ND	35.02	30.03	25.02	UNL12W7P5K-F
1500	4.7	15.0	338	392	15.0	338-1376-ND	26.17	22.43	18.69	UNL15W4P7K-F

AVX 薄膜片状电容器 PEN 电介质 - CB 系列



尺寸代码	尺寸 (mm)	
	L	W
1206	3.3	1.6
1812	4.5	3.2
2220	5.8	5.0
2824	7.2	6.1

特点：CB 系列薄膜片状电容器采用裸片和堆叠结构，带有金属化 PEN (聚苯二甲酸乙二醇酯)。使用高温的电介质薄膜使此类电容器更加适合 IR 或汽相回流焊接加工。电介质薄膜的固有弹性可以大幅提高电容器与印刷电路板的任何类型材料的兼容性。薄膜的自我修复特性技术可以使得产品在开裂故障时更加安全，同时具有

更高的整体可靠性。• 极好的抗热震性 • ESR 和 ESL 低耗散因子 • 无压电效应 • 非极性构造

应用：• 适合需要小型和 SMD 的低电压的通用功能

技术规格：• 气候类别 - 55/125/56 • 工作温度范围：-55°C ~ 125°C, 105°C 和 125°C 之间电压降降率为 1.25%/°C

尺寸代码	WV DC	电容	最大尺寸 H (mm)	Digi-Key 零件编号	剪切带价格			Digi-Key 零件编号	带卷		AVX 零件编号
					1	10	100		数量	价格	
1206	50	10000pF	1.15	478-4533-1-ND	.70	4.65	38.78	478-4533-2-ND	3,900	233.00/M	CB017D0103JBA
1812	100	47000pF	2.6	478-4534-1-ND	.98	6.55	54.60	478-4534-2-ND	700	229.60	CB037E0473JBA
	100	0.10µF	3.0	478-4535-1-ND	.80	5.32	44.33	478-4535-2-ND	700	186.20	CB037E0104JBA
2220	63	.33µF	3.3	478-4536-1-ND	.99	6.57	54.73	478-4536-2-ND	2,800	328.00/M	CB042D0334JBC
	63	.47µF	3.5	478-4537-1-ND	1.18	7.84	65.35	478-4537-2-ND	2,300	392.00/M	CB042D0474JBC
2824	63	.68µF	4.0	478-4538-1-ND	1.42	9.46	78.80	478-4538-2-ND	2,300	473.00/M	CB042D0684JBC
	100	1.0µF	5.7	478-4539-1-ND	1.80	12.00	100.00	478-4539-2-ND	900	540.00	CB052E0105JBC

全部产品均以美元计价。 免费电话：10800-1527031 (China Telecom - 中国电讯) — 10800-8527031 (CNCG - 中国网通)

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(CN082-09) 1813