

Panasonic P 系列 聚丙烯电容器

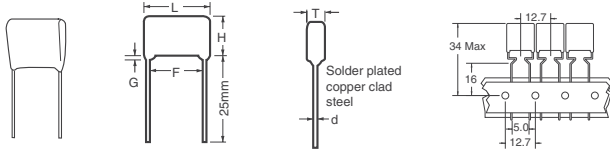
特点: • 电容范围宽 • 电容公差小 • 高绝缘电阻 • 低耗散因子 • 非电感性构造 • 环氧树脂涂层

应用: • 直至UHF 范围的阻断、旁通、耦合 DC 与信号 • 脉冲电路、逻辑电路、时序电路 • 轻负载脉冲形成网络 • 滤波与杂讯抑制电路

电气规格: • 参考标准: EIAJ RC-3670A • 温度范围: -40°C ~ 85°C • 耗散因数: 0.1% 最大, 在 1kHz 和

25°C • 耐受电压: 1-5 秒, 250% 的额定电压 • 绝缘电阻: 电容小于 0.33 μ F 时最小为 45,000 Ω 。电容大于等于 0.33 μ F 时最小为 15,000 Ω / μ F。(在 25°C 以额定电压充电 2 分钟后测量。)

PANASONIC ECQ-P 对照索引: Sprague: 715P Westlake: 173/174 Mepco: 719E/719H1 Secor: PFDS/PFDR Roderstein: KP1835 Wima: FKP CSF Thompson: PL/PS Rubicon: PP Nisseip: APS/APA.



WV/DC	电容 (μ F)	容差	尺寸 - mm					Digi-Key 零件编号	带盒价格			Panasonic 零件编号
			L	T	H	F	d		500	1,000	5,000	
50	.0001	5%	8.5	4.5	7.5	5.0	0.5	P3101TB-ND	—	138.00	133.00/M	ECQ-P1H101JZ3
	.00012	5%	8.5	4.5	7.5	5.0	0.5	P3121TB-ND	—	138.00	133.00/M	ECQ-P1H121JZ3
	.00015	5%	8.5	4.5	7.5	5.0	0.5	P3151TB-ND	—	138.00	133.00/M	ECQ-P1H151JZ3
	.00018	5%	8.5	4.5	7.5	5.0	0.5	P3181TB-ND	—	138.00	133.00/M	ECQ-P1H181JZ3
	.00022	5%	8.5	4.5	7.5	5.0	0.5	P3221TB-ND	—	138.00	133.00/M	ECQ-P1H221JZ3
	.00027	5%	8.5	4.5	7.5	5.0	0.5	P3271TB-ND	—	138.00	133.00/M	ECQ-P1H271JZ3
	.00033	5%	8.5	4.5	7.5	5.0	0.5	P3331TB-ND	—	138.00	133.00/M	ECQ-P1H331JZ3
	.00039	5%	8.5	4.5	7.5	5.0	0.5	P3391TB-ND	—	138.00	133.00/M	ECQ-P1H391JZ3
	.00047	5%	8.5	4.5	7.5	5.0	0.5	P3471TB-ND	—	138.00	133.00/M	ECQ-P1H471JZ3
	.00056	5%	8.5	4.5	7.5	5.0	0.5	P3561TB-ND	—	138.00	133.00/M	ECQ-P1H561JZ3
	.00068	5%	8.5	4.5	7.5	5.0	0.5	P3681TB-ND	—	138.00	133.00/M	ECQ-P1H681JZ3
	.00082	5%	8.5	4.5	7.5	5.0	0.5	P3821TB-ND	—	138.00	133.00/M	ECQ-P1H821JZ3
	.001	2%	8.5	4.5	7.5	5.0	0.5	P3102TB-ND	—	193.00	187.00/M	ECQ-P1H102GZ3
	.0012	2%	8.5	4.5	7.5	5.0	0.5	P3122TB-ND	—	193.00	187.00/M	ECQ-P1H122GZ3
	.0015	2%	8.5	4.5	7.5	5.0	0.5	P3152TB-ND	—	193.00	187.00/M	ECQ-P1H152GZ3
.0018	2%	8.5	4.5	7.5	5.0	0.5	P3182TB-ND	—	193.00	187.00/M	ECQ-P1H182GZ3	
.0022	2%	8.5	4.5	7.5	5.0	0.5	P3222TB-ND	—	193.00	187.00/M	ECQ-P1H222GZ3	
.0027	2%	8.5	4.5	7.5	5.0	0.5	P3272TB-ND	—	193.00	187.00/M	ECQ-P1H272GZ3	
.0033	2%	8.5	4.5	7.5	5.0	0.5	P3332TB-ND	—	193.00	187.00/M	ECQ-P1H332GZ3	
.0039	2%	8.5	4.5	7.5	5.0	0.5	P3392TB-ND	—	193.00	187.00/M	ECQ-P1H392GZ3	
.0047	2%	8.5	4.5	7.5	5.0	0.5	P3472TB-ND	—	193.00	187.00/M	ECQ-P1H472GZ3	
.0056	2%	8.5	4.5	8.0	5.0	0.5	P3562TB-ND	—	206.00	199.00/M	ECQ-P1H562GZ3	
.0068	2%	8.5	5.0	8.0	5.0	0.5	P3682TB-ND	—	206.00	199.00/M	ECQ-P1H682GZ3	
.0082	2%	12.0	5.5	9.0	5.0	0.6	P3822TB-ND	—	221.00	214.00/M	ECQ-P1H822GZ3	
.01	2%	12.0	5.0	8.5	5.0	0.6	P3103TB-ND	—	221.00	214.00/M	ECQ-P1H103GZ3	
.012	2%	12.0	5.5	9.0	5.0	0.6	P3123TB-ND	—	221.00	214.00/M	ECQ-P1H123GZ3	
.015	2%	12.0	5.0	9.0	5.0	0.6	P3153TB-ND	—	221.00	214.00/M	ECQ-P1H153GZ3	
.018	2%	12.0	5.5	9.5	5.0	0.6	P3183TB-ND	—	238.00	230.00/M	ECQ-P1H183GZ3	
.022	2%	12.0	5.5	10.5	5.0	0.6	P3223TB-ND	—	238.00	230.00/M	ECQ-P1H223GZ3	
.027	2%	12.0	6.0	11.0	5.0	0.6	P3273TB-ND	—	264.00	264.00/M	ECQ-P1H273GZ3	
.033	2%	12.0	6.5	11.5	5.0	0.6	P3333TB-ND	136.50	—	264.00/M	ECQ-P1H333GZ3	
.039	2%	12.0	6.5	11.5	5.0	0.6	P3333TB-ND	136.50	—	264.00/M	ECQ-P1H333GZ3	

符合 RoHS 规范要求

† P3100-KIT-ND Digi-Key® P 系列电容器零件标出的每个型号 10 件。包括笔记本式的存储盒与储藏指南。 - 符合 RoHS 规范要求 69.95

ECQ-P (Z) 系列 聚丙烯膜电容器

非电感性构造, 涂有环氧树脂, 聚丙烯膜。

特点:

- 优良的温度和频率特性
- 优良长期稳定性

应用:

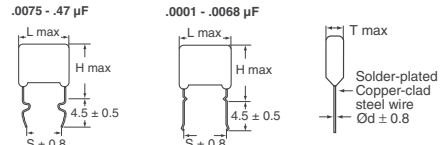
- Dolby 电路

• 振荡电路

电气规格:

- 温度范围: -40°C ~ 85°C • 额定电压: 50VDC (超过 70° 要求降低电压。有关详细资料, 参见数据表。)
- 耗散因数: 1% 最大, 在 1kHz 和 20°C • 耐受电压 (端子间): 额定电压 (VDC) x 250%, 1 至 5 秒

• 绝缘电阻: $C \leq 0.33\mu$ F: 45000 Ω 最小
 $C > 0.33\mu$ F: 15000 Ω μ F 最小 (20°C, 额定电压 - 60 秒)



WV/DC	电容 (μ F)	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	.0001	5%	8.5	4.5	12.5	5.0	0.5	P3889-ND	23	1.94	16.20	97.20	ECQ-P1H101JZW
	.00012	5%	8.5	4.5	12.5	5.0	0.5	P3890-ND	23	1.94	16.20	97.20	ECQ-P1H121JZW
	.00015	5%	8.5	4.5	12.5	5.0	0.5	P3891-ND	23	1.94	16.20	97.20	ECQ-P1H151JZW
	.00018	5%	8.5	4.5	12.5	5.0	0.5	P3892-ND	23	1.94	16.20	97.20	ECQ-P1H181JZW
	.00022	5%	8.5	4.5	12.5	5.0	0.5	P3893-ND	23	1.94	16.20	97.20	ECQ-P1H221JZW
	.00027	5%	8.5	4.5	12.5	5.0	0.5	P3894-ND	23	1.94	16.20	97.20	ECQ-P1H271JZW
	.00033	5%	8.5	4.5	12.5	5.0	0.5	P3895-ND	23	1.94	16.20	97.20	ECQ-P1H331JZW
	.00039	5%	8.5	4.5	12.5	5.0	0.5	P3896-ND	23	1.94	16.20	97.20	ECQ-P1H391JZW
	.00047	5%	8.5	4.5	12.5	5.0	0.5	P3897-ND	23	1.94	16.20	97.20	ECQ-P1H471JZW
	.00056	5%	8.5	4.5	12.5	5.0	0.5	P3898-ND	23	1.94	16.20	97.20	ECQ-P1H561JZW
	.00068	5%	8.5	4.5	12.5	5.0	0.5	P3899-ND	23	1.94	16.20	97.20	ECQ-P1H681JZW
	.00082	5%	8.5	4.5	12.5	5.0	0.5	P3900-ND	23	1.94	16.20	97.20	ECQ-P1H821JZW
	.0011	2%	8.5	4.5	12.5	5.0	0.5	P3901-ND	35	3.04	25.30	151.80	ECQ-P1H102GZW
	.0012	2%	8.5	4.5	12.5	5.0	0.5	P3902-ND	35	3.04	25.30	151.80	ECQ-P1H122GZW
	.0015	2%	8.5	4.5	12.5	5.0	0.5	P3903-ND	35	3.04	25.30	151.80	ECQ-P1H152GZW
.0018	2%	8.5	4.5	12.5	5.0	0.5	P3904-ND	35	3.04	25.30	151.80	ECQ-P1H182GZW	
.0022	2%	8.5	4.5	12.5	5.0	0.5	P3905-ND	35	3.04	25.30	151.80	ECQ-P1H222GZW	
.0027	2%	8.5	4.5	12.5	5.0	0.5	P3906-ND	35	3.04	25.30	151.80	ECQ-P1H272GZW	
.0033	2%	8.5	4.5	12.5	5.0	0.5	P3907-ND	35	3.04	25.30	151.80	ECQ-P1H332GZW	
.0039	2%	8.5	4.5	12.5	5.0	0.5	P3908-ND	35	3.04	25.30	151.80	ECQ-P1H392GZW	
.0047	2%	8.5	4.5	12.5	5.0	0.5	P3909-ND	35	3.04	25.30	151.80	ECQ-P1H472GZW	
.0056	2%	8.5	4.5	13.0	5.0	0.5	P3910-ND	38	3.28	27.30	163.80	ECQ-P1H562GZW	
.0068	2%	8.5	5.0	13.0	5.0	0.5	P3911-ND	38	3.28	27.30	163.80	ECQ-P1H682GZW	
.0082	2%	12.0	5.5	14.0	5.0	0.6	P3912-ND	38	3.28	27.30	163.80	ECQ-P1H822GZW	
.01	2%	12.0	5.0	13.5	5.0	0.6	P3913-ND	41	3.55	29.60	177.60	ECQ-P1H103GZW	
.012	2%	12.0	5.0	14.0	5.0	0.6	P3914-ND	41	3.55	29.60	177.60	ECQ-P1H123GZW	
.015	2%	12.0	5.0	14.0	5.0	0.6	P3915-ND	41	3.55	29.60	177.60	ECQ-P1H153GZW	
.018	2%	12.0	5.5	14.5	5.0	0.6	P3916-ND	45	3.86	32.20	193.20	ECQ-P1H183GZW	
.022	2%	12.0	5.5	15.5	5.0	0.6	P3917-ND	45	3.86	32.20	193.20	ECQ-P1H223GZW	
.027	2%	12.0	6.0	16.0	5.0	0.6	P3918-ND	45	3.86	32.20	193.20	ECQ-P1H273GZW	
.033	2%	12.0	6.5	16.5	5.0	0.6	P3919-ND	47	4.04	33.63	201.75	ECQ-P1H333GZW	
.039	2%	14.5	5.5	17.0	5.0	0.6	P3920-ND	52	4.42	36.80	220.80	ECQ-P1H393GZW	

WV/DC	电容 (μ F)	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	.0047	2%	14.5	6.0	17.5	5.0	0.60	P3921-ND	60	5.14	42.85	257.10	ECQ-P1H473GZW
	.0056	2%	14.5	6.5	18.5	5.0	0.60	P3922-ND	60	5.14	42.85	257.10	ECQ-P1H563GZW
	.0068	2%	14.5	7.0	19.0	5.0	0.60	P3923-ND	60	5.14	42.85	257.10	ECQ-P1H683GZW
	.0082	2%	17.0	7.0	19.0	7.5	0.60	P3924-ND	60	5.14	42.85	257.10	ECQ-P1H823GZW
	.01	2%	17.0	7.5	19.5	7.5	0.60	P3925-ND	82	7.06	58.83	352.95	ECQ-P1H104GZW
	.012	2%	17.0	8.5	20.5	7.5	0.60	P3926-ND	1.03	8.81	73.45	440.70	ECQ-P1H124GZW
	.015	2%	20.0	8.0	20.5	10.0	0.60	P3927-ND	1.03	8.81	73.45	440.70	ECQ-P1H154GZW
	.018	2%	20.0	9.0	21.0	10.0	0.60	P3928-ND	1.10	9.41	78.45	470.70	ECQ-P1H184GZW
	.022	2%	20.0	9.5	22.0	10.0	0.60	P3929-ND	1.32	11.31	94.28	565.65	ECQ-P1H224GZW
	.027	2%	20.0	10.5	23.0	10.0	0.60	P3930-ND	1.32	11.31	94.28	565.65	ECQ-P1H274GZW
	.033	2%	22.5	10.0	24.5	12.5	0.80	P3931-ND	1.33	11.39	94.88		

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	

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	0.051	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

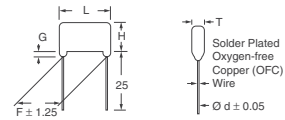
非电感性构造。使用涂有阻燃环氧树脂的聚丙烯膜。

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)



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	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

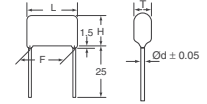
电气规格: • 温度范围: -40°C ~ 85°C (105°C) • 额定电压: 400VDC、630VDC • 引线材料: 400V: 0.022μF ~ 0.11μF 镀锡包铜铜丝; 0.12μF ~ 2.4μF 镀锡铜丝 630V:

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, 3,000MΩ/μF 最小 (20°C, 100VDC 和 500VDC, 60秒)

• 耗散因数: 0.05% 最大, 在 1kHz 和 20°C。



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	.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	6.0	8.8	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	17.3	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	6.0	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	703.30	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	
630	.62	±5%	20.5	11.3	17.9	17.5	0.8	P12226-ND	1.95	16.74	131.13	837.00	ECWF-F4564JL
	.68	±5%	20.5	11.8	18.5	17.5	0.8	P12227-ND	2.00	17.17	134.49	858.45	ECWF-F4624JL
	.75	±5%	20.5	12.3	19.1	17.5	0.8	P12228-ND	2.05	17.60	137.		