

Panasonic® M-Series Polyester and Foil Capacitors

Features:

High insulation resistance. Non-inductive construction; with tinned copper leads welded to the foils. High peak current capability. Solvent-resistant resin coated body.

Applications:

Blocking, by-pass and coupling of D.C. and signals to VHF range. Pulse, logic and timing circuits. Light-duty pulse forming networks. Filter and noise suppression circuits. General purpose usage.

Specifications:

Reference standard: JIS C5113 Characteristic M. Operating temperature range: -40°C ~ 85°C Construction: Polyester film, non-inductive, phenolic/epoxy resin coating, wax impregnation.

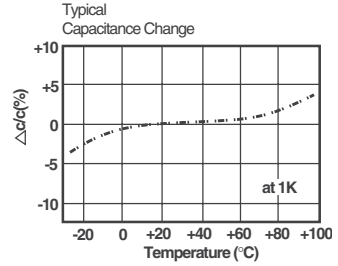
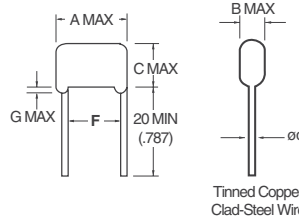
Electrical Specifications:

Capacitance Tolerance: ±10% (K). Insulation Resistance: Greater than 10,000 mΩ. Dissipation Factor: Less than 1.0% at 1 KHZ. Dielectric Withstanding Voltage: 250% of rated voltage for 5 seconds. Operating Temperature: -40°C ~ 80°C.

PANASONIC ECQ CROSS REFERENCE

Sprague: 225P, 418P; **Mepco:** 713D1, 711D1, 719D1; **TWR:** 601PE, 601CPE; **Pactron:** PE, FM; **Secor:** MFDN, MFDR; **Roederstein:** KT1805, KT1806, KT1807, KT1808; **Wima:** FKS; **CSF Thompson:** ED (Dip); **Rubycon:** F2X, F2S, F3U; **Nichicon:** TDY; **Nissiel:** AMZ, AMX, AMR, AMM.

Style: Straight Radial Leads



Cap. µF	Dimensions (mm)					Digi-Key Part No.	Pricing				Panasonic Part No.	
	A	B	C	F±1.25	G		10	100	1,000	5,000		10,000
200 WV DC												
.001	9.0	5.0	9.0	5.5	2	P1029-ND	1.19	9.95	59.53	55.18/M	51.55/M	ECQ-M2102KZ
.0012	9.0	5.0	9.0	5.5	2	P1030-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2122KZ
.0015	9.0	5.0	9.5	5.5	3	P1031-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2152KZ
.0018	9.0	5.5	9.5	5.5	3	P1032-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2182KZ
.0022	9.0	6.0	10.0	5.5	3	P1033-ND	.99	8.28	49.37	45.74/M	42.84/M	ECQ-M2222KZ
.0027	9.0	5.0	9.0	5.5	3	P1034-ND	1.05	8.77	52.27	48.65/M	45.74/M	ECQ-M2272KZ
.0033	9.0	5.0	9.0	5.5	3	P1035-ND	1.10	9.15	54.45	50.82/M	47.19/M	ECQ-M2332KZ
.0039	12.0	5.5	9.5	7.5	3	P1036-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2392KZ
.0047	12.0	6.0	9.5	7.5	3	P1037-ND	1.05	8.75	52.27	48.65/M	45.74/M	ECQ-M2472KZ
.0056	12.0	6.0	9.5	7.5	3	P1038-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2562KZ
.0068	12.0	6.0	10.5	7.5	3	P1039-ND	1.00	8.33	50.09	46.47/M	43.56/M	ECQ-M2682KZ
.0082	14.0	5.5	10.0	9.5	3	P1040-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2822KZ
.01	14.0	6.0	10.0	9.5	3	P1041-ND	1.14	9.50	56.63	53.00/M	49.37/M	ECQ-M2103KZ
.012	14.0	6.0	10.5	9.5	3	P1042-ND	1.15	9.53	56.63	53.00/M	49.37/M	ECQ-M2123KZ
.015	14.0	6.5	11.5	9.5	3	P1043-ND	1.03	8.60	51.55	47.92/M	45.02/M	ECQ-M2153KZ
.018	17.0	5.5	10.0	12.5	3	P1044-ND	1.25	10.42	62.44	58.08/M	54.45/M	ECQ-M2183KZ
.022	17.0	5.5	11.0	12.5	3	P1045-ND	1.27	10.60	63.16	58.81/M	55.18/M	ECQ-M2223KZ
.027	17.0	6.0	11.0	12.5	3	P1046-ND	1.15	9.64	57.35	53.73/M	50.10/M	ECQ-M2273KZ
.033	17.0	6.5	11.5	12.5	3	P1047-ND	1.23	10.26	60.98	56.63/M	53.00/M	ECQ-M2333KZ
.039	17.0	6.0	13.5	12.5	3	P1048-ND	1.47	12.27	73.33	68.25/M	63.89/M	ECQ-M2393KZ
.047	17.0	6.5	14.0	12.5	3	P1049-ND	1.31	10.91	65.34	60.26/M	56.63/M	ECQ-M2473KZ
.056	20.0	6.5	14.0	14.5	3	P1050-ND	1.39	11.62	69.70	64.62/M	60.26/M	ECQ-M2563KZ
.068	20.0	7.0	14.5	14.5	3	P1051-ND	1.47	12.27	73.33	68.25/M	63.89/M	ECQ-M2683KZ
.082	20.0	7.5	15.0	15.0	3	P1052-ND	1.51	12.56	74.78	69.70/M	65.34/M	ECQ-M2823KZ
.1	20.0	8.0	17.0	15.0	3	P1053-ND	2.09	17.42	103.82	96.56/M	90.75/M	ECQ-M2104KZ

◆ RoHS Compliant

Cap. µF	Dimensions (mm)					Digi-Key Part No.	Pricing				Panasonic Part No.	
	A	B	C	F±1.25	G		10	100	1,000	5,000		10,000
.12	20.0	8.5	17.5	15.0	3	P1054-ND	2.21	18.40	109.63	102.37/M	95.84/M	ECQ-M2124KZ
.15	20.0	9.5	18.5	15.0	3	P1055-ND	2.11	17.61	105.27	98.01/M	91.48/M	ECQ-M2154KZ
.18	23.0	13.0	22.0	18.5	3	P1056-ND	1.02	8.44	50.09	47.19/M	43.56/M	ECQ-M2184KZ
.22	23.0	14.0	23.0	18.5	3	P1057-ND	3.14	26.14	156.09	145.20/M	135.77/M	ECQ-M2224KZ
400 WV DC												
.001	11.0	5.5	9.5	6.5	2	P1058-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4102KZ
.0012	11.0	6.0	10.0	6.5	2	P1059-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4122KZ
.0015	11.0	6.0	10.0	6.5	2	P1060-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4152KZ
.0018	11.0	6.0	10.0	6.5	2	P1061-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4182KZ
.0022	11.0	6.5	10.5	6.5	2	P1062-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4222KZ
.0027	12.0	6.0	10.0	7.5	2	P1063-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4272KZ
.0033	12.0	6.5	10.5	7.5	2	P1064-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4332KZ
.0039	12.0	6.5	10.5	7.5	2	P1065-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4392KZ
.0047	14.0	6.0	10.0	9.5	2	P1066-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4472KZ
.0056	14.0	6.0	10.0	9.5	2	P1067-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4562KZ
.0068	14.0	6.5	10.5	9.5	3	P1068-ND	.99	8.30	49.37	45.74/M	42.84/M	ECQ-M4682KZ
.0082	14.0	6.5	12.0	9.5	3	P1069-ND	1.02	8.53	50.82	47.19/M	44.29/M	ECQ-M4822KZ
.01	14.0	7.0	12.5	9.5	3	P1070-ND	1.02	8.53	50.82	47.19/M	44.29/M	ECQ-M4103KZ
.012	17.0	6.0	12.0	12.5	3	P1071-ND	1.08	8.99	53.72	50.10/M	46.47/M	ECQ-M4123KZ
.015	17.0	6.5	12.5	12.5	3	P1072-ND	1.08	8.99	53.72	50.10/M	46.47/M	ECQ-M4153KZ
.018	17.0	7.0	13.0	12.5	3	P1073-ND	1.08	8.99	53.72	50.10/M	46.47/M	ECQ-M4183KZ
.022	17.0	7.5	13.5	12.5	3	P1074-ND	1.19	9.91	58.81	55.18/M	51.55/M	ECQ-M4223KZ
.027	20.0	7.0	14.5	15.0	2	P1075-ND	1.30	10.82	64.61	60.26/M	55.91/M	ECQ-M4273KZ
.033	20.0	7.5	15.0	15.0	2	P1076-ND	1.38	11.51	68.97	63.89/M	59.54/M	ECQ-M4333KZ
.039	20.0	8.5	16.0	15.0	3	P1077-ND	1.47	12.20	72.60	67.52/M	63.17/M	ECQ-M4393KZ
.047	20.0	9.0	16.5	15.0	3	P1078-ND	1.58	13.13	78.41	72.60/M	68.25/M	ECQ-M4473KZ
.056	23.0	8.5	15.5	18.0	3	P1079-ND	1.71	14.22	84.94	79.14/M	74.06/M	ECQ-M4563KZ
.068	23.0	9.0	16.5	18.0	3	P1080-ND	1.93	16.10	95.83	89.30/M	83.49/M	ECQ-M4683KZ
.082	24.0	9.5	17.0	18.0	3	P1081-ND	2.21	18.40	109.63	102.37/M	95.84/M	ECQ-M4823KZ
.1	24.0	10.0	19.0	18.0	3	P1082-ND	2.40	20.00	119.06	111.08/M	103.82/M	ECQ-M4104KZ

Panasonic® Metallized Polyester Capacitors – ECQE(C) Type

Features:

- Box-type construction (case meets UL94V-0 flame classification, meets requirements of IEC950)
- Operating temperature range: -25°C ~ 85°C (105°C) (*Requires voltage, current and pulse current derating)

Application:

- Interference suppressor for active circuits

Electrical Specifications:

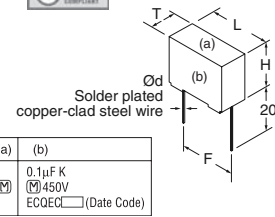
- Rated Voltage: 450VDC

- Capacitance Tolerance: ±10%

- Withstand Voltage: Between Terminals: 1 minute at 150% of rated voltage (The capacitor shall be applied the voltage through a resistor of 2kΩ or more when charged and discharged.) Between Terminal s connected together and case: 1-5 seconds at 200% of rated voltage

- Insulation Resistance Between Terminals: 9,000 MΩ or more (when C≥0.33µF) 3,000 MΩ/µF or more (when C<0.33µF) at 100VDC±15V for 60±5 seconds, at 20°C

- Dissipation Factor: 1.0% or less (measured at a frequency of 1±0.2KHz, at 20°C)



WV DC	Cap. µF	Tolerance	Dimensions (mm)					Digi-Key Part No.	Price Each				Panasonic Part No.
			L	T	H	F	d		1	10	100	1,000	
450	.10	10%	18.5	5.5	14.5	15.0	0.6	P10755-ND	.45	.39	.32	.20	ECQ-E2W104KC
	.15	10%	18.5	6.0	16.5	15.0	0.6	P10756-ND	.54	.47	.39	.24	ECQ-E2W154KC
	.22	10%	18.5	7.0	18.0	15.0	0.6	P10757-ND	.65	.56	.47	.28	ECQ-E2W224KC
	.33	10%	18.0	9.0	17.5	15.0	0.8	P10758-ND	.80	.69	.57	.34	ECQ-E2W334KC
	.47	10%	18.0	9.5	17.5	15.0	0.8	P10759-ND	.94	.81	.68	.41	ECQ-E2W474KC
	.68	10%	25.5	10.5	20.0	22.5	0.8	P10760-ND	1.29	1.11	.93	.55	ECQ-E2W684KC
	1.0	10%	25.5	12.5	22.0	22.5	0.8	P10761-ND	1.68	1.45	1.21	.72	ECQ-E2W105KC
	1.5	10%	25.5	15.5	24.5	22.5	0.8	P10762-ND	2.23	1.92	1.60	.96	ECQ-E2W155KC
	2.2	10%	31.0	14.0	24.5	27.5	0.8	P10763-ND	2.93	2.51	2.09	1.25	ECQ-E2W225KC

Free shipping on orders over £50! All prices are in British pound sterling and include duties.
 1658 (UK091) uk.digikey.com — FREEPHONE: 0-800-587-0991 • 0-800-904-7786 — FREEFAX: 0-800-587-0992 • 0-800-904-7783

Panasonic P-Series Polypropylene Capacitors

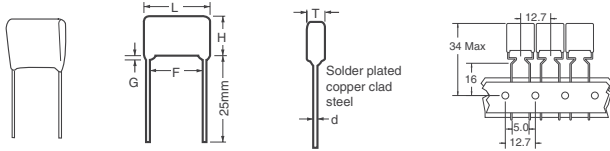
Features: • Wide capacitance range • Close capacitance tolerance • High insulation resistance • Low dissipation factor • Non-inductive construction • Epoxy resin coating

Applications: • Blocking, by-pass and coupling of DC and signal to UHF range • Pulse, logic and timing circuit • Light duty pulse forming network • Filter and noise suppression circuit

Electrical Specifications: • Reference Standard: EIAJ RC-3670A • Temperature Range: -40°C - 85°C • Dissipation Factor:

.1% maximum at 1kHz and 25°C • Withstand Voltage: 1-5 seconds at 250% of rated voltage • Insulation Resistance: 45,000MΩ minimum, for values less than .33μF. 15,000 MΩ/μF minimum, for .33μF and greater. (Measured after a 2-minute charge at rated voltage and 25°C.)

PANASONIC ECO-P CROSS REF.: Sprague: 715P Westlake: 173/174 Mepco: 719E1/719H1 Secor: PFDS/PFDR Roderstein: KP1835 Wima: FKP CSF Thompson: PL/PS Rubycon: PP Nisseip: APS/APA.



VW DC	Cap. μF	Tolerance	Dimensions - mm					Digi-Key Part No.	Tape and Box Pricing			Panasonic Part No.
			L	T	H	F	d		500	1,000	5,000	
	.0001	5%	8.5	4.5	7.5	5.0	0.5	P3101TB-ND	—	100.19	96.56/M	ECO-P1H101JZ3
	.00012	5%	8.5	4.5	7.5	5.0	0.5	P3121TB-ND	—	100.19	96.56/M	ECO-P1H121JZ3
	.00015	5%	8.5	4.5	7.5	5.0	0.5	P3151TB-ND	—	100.19	96.56/M	ECO-P1H151JZ3
	.00018	5%	8.5	4.5	7.5	5.0	0.5	P3181TB-ND	—	100.19	96.56/M	ECO-P1H181JZ3
	.00022	5%	8.5	4.5	7.5	5.0	0.5	P3221TB-ND	—	100.19	96.56/M	ECO-P1H221JZ3
	.00027	5%	8.5	4.5	7.5	5.0	0.5	P3271TB-ND	—	100.19	96.56/M	ECO-P1H271JZ3
	.00033	5%	8.5	4.5	7.5	5.0	0.5	P3331TB-ND	—	100.19	96.56/M	ECO-P1H331JZ3
	.00039	5%	8.5	4.5	7.5	5.0	0.5	P3391TB-ND	—	100.19	96.56/M	ECO-P1H391JZ3
	.00047	5%	8.5	4.5	7.5	5.0	0.5	P3471TB-ND	—	100.19	96.56/M	ECO-P1H471JZ3
	.00056	5%	8.5	4.5	7.5	5.0	0.5	P3561TB-ND	—	100.19	96.56/M	ECO-P1H561JZ3
	.00068	5%	8.5	4.5	7.5	5.0	0.5	P3681TB-ND	—	100.19	96.56/M	ECO-P1H681JZ3
	.00082	5%	8.5	4.5	7.5	5.0	0.5	P3821TB-ND	—	100.19	96.56/M	ECO-P1H821JZ3
	.001	2%	8.5	4.5	7.5	5.0	0.5	P3102TB-ND	—	140.12	135.77/M	ECO-P1H102GZ3
	.0012	2%	8.5	4.5	7.5	5.0	0.5	P3122TB-ND	—	140.12	135.77/M	ECO-P1H122GZ3
	.0015	2%	8.5	4.5	7.5	5.0	0.5	P3152TB-ND	—	140.12	135.77/M	ECO-P1H152GZ3
	.0018	2%	8.5	4.5	7.5	5.0	0.5	P3182TB-ND	—	140.12	135.77/M	ECO-P1H182GZ3
	.0022	2%	8.5	4.5	7.5	5.0	0.5	P3222TB-ND	—	140.12	135.77/M	ECO-P1H222GZ3
	.0027	2%	8.5	4.5	7.5	5.0	0.5	P3272TB-ND	—	140.12	135.77/M	ECO-P1H272GZ3
	.0033	2%	8.5	4.5	7.5	5.0	0.5	P3332TB-ND	—	140.12	135.77/M	ECO-P1H332GZ3
	.0039	2%	8.5	4.5	7.5	5.0	0.5	P3392TB-ND	—	140.12	135.77/M	ECO-P1H392GZ3
	.0047	2%	8.5	4.5	7.5	5.0	0.5	P3472TB-ND	—	140.12	135.77/M	ECO-P1H472GZ3
	.0056	2%	8.5	4.5	8.0	5.0	0.5	P3562TB-ND	—	149.56	144.48/M	ECO-P1H562GZ3
	.0068	2%	8.5	5.0	8.0	5.0	0.5	P3682TB-ND	—	149.56	144.48/M	ECO-P1H682GZ3
	.0082	2%	12.0	5.5	9.0	7.5	1.0	P3822TB-ND	—	160.45	155.37/M	ECO-P1H822GZ3
	.01	2%	12.0	5.0	8.5	7.5	1.0	P3103TB-ND	—	160.45	155.37/M	ECO-P1H103GZ3
	.012	2%	12.0	5.5	9.0	7.5	1.0	P3123TB-ND	—	160.45	155.37/M	ECO-P1H123GZ3
	.015	2%	12.0	5.0	9.0	7.5	1.0	P3153TB-ND	—	160.45	155.37/M	ECO-P1H153GZ3
	.018	2%	12.0	5.5	9.5	7.5	1.0	P3183TB-ND	—	172.79	166.98/M	ECO-P1H183GZ3
	.022	2%	12.0	5.5	10.5	7.5	1.0	P3223TB-ND	—	172.79	166.98/M	ECO-P1H223GZ3
	.027	2%	12.0	6.0	11.0	7.5	1.0	P3273TB-ND	—	172.79	166.98/M	ECO-P1H273GZ3
	.033	2%	12.0	6.5	11.5	7.5	1.0	P3333TB-ND	—	172.79	166.98/M	ECO-P1H333GZ3
	.039	2%	14.5	5.5	12.0	10.0	1.0	P3393TB-ND	—	191.67	181.97/M	ECO-P1H393GZ3
	.047	2%	14.5	6.0	12.5	10.0	1.0	P3473TB-ND	—	191.67	181.97/M	ECO-P1H473GZ3
	.056	2%	14.5	6.5	13.5	10.0	1.0	P3563TB-ND	—	200.00	191.67/M	ECO-P1H563GZ3
	.068	2%	14.5	7.0	14.0	10.0	1.0	P3683TB-ND	—	200.00	191.67/M	ECO-P1H683GZ3
	.082	2%	17.0	7.0	14.0	12.5	1.0	P3823TB-ND	—	229.16	222.16/M	ECO-P1H823GZ3
	.1	2%	17.0	7.5	14.5	12.5	1.0	P3104TB-ND	—	229.16	222.16/M	ECO-P1H104GZ3
	.12	2%	17.0	8.5	15.5	12.5	1.0	P3124TB-ND	—	229.16	222.16/M	ECO-P1H124GZ3
	.15	2%	20.0	8.0	15.5	15.0	1.0	P3154TB-ND	—	229.16	222.16/M	ECO-P1H154GZ3
	.18	2%	20.0	9.0	16.0	15.0	1.0	P3184TB-ND	—	229.16	222.16/M	ECO-P1H184GZ3
	.22	2%	20.0	9.5	17.0	15.0	1.0	P3224TB-ND	—	229.16	222.16/M	ECO-P1H224GZ3
	.27	2%	20.0	10.5	18.0	15.0	1.0	P3274TB-ND	—	229.16	222.16/M	ECO-P1H274GZ3
	.33	2%	22.5	10.0	19.5	17.5	1.0	P3334TB-ND	—	229.16	222.16/M	ECO-P1H334GZ3
	.39	2%	22.5	11.0	20.0	17.5	1.0	P3394TB-ND	—	229.16	222.16/M	ECO-P1H394GZ3
	.47	2%	22.5	12.0	21.0	17.5	1.0	P3474TB-ND	—	229.16	222.16/M	ECO-P1H474GZ3

• RoHS Compliant

ECQ-P (Z) Series Polypropylene Film Capacitors

Non-inductive construction using Polypropylene film with epoxy resin coating.

Features:

- Excellent temperature and frequency characteristics
- Excellent long term stability

Applications:

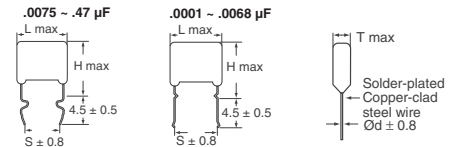
- Dolby circuits
- Oscillation circuits

Electrical Specifications:

- Temperature Range: -40°C - 85°C • Rated Voltage: 50VDC. (Voltage derating is required

above 70°. See data sheet for details.)

- Dissipation Factor: 0.1% maximum at 1kHz and 20°
- Withstand Voltage: Between terminals: Rated voltage (VDC) x 250% 1-5 seconds • Insulation Resistance: C ≤ 0.33μF: 45,000MΩ minimum C > 0.33μF: 15,000MΩ/μF minimum (20°C Rated Voltage - 60s)



VW DC	Cap. μF	Tolerance	Dimensions - mm					Digi-Key Part No.	Pricing				Panasonic Part No.
			L	T	H	S	d		1	10	100	1,000	
	.0001	5%	8.5	4.5	12.5	5.0	0.50	P3889-ND	.17	1.41	11.76	70.57	ECO-P1H101JZW
	.00012	5%	8.5	4.5	12.5	5.0	0.50	P3890-ND	.17	1.41	11.76	70.57	ECO-P1H121JZW
	.00015	5%	8.5	4.5	12.5	5.0	0.50	P3891-ND	.17	1.41	11.76	70.57	ECO-P1H151JZW
	.00018	5%	8.5	4.5	12.5	5.0	0.50	P3892-ND	.17	1.41	11.76	70.57	ECO-P1H181JZW
	.00022	5%	8.5	4.5	12.5	5.0	0.50	P3893-ND	.17	1.41	11.76	70.57	ECO-P1H221JZW
	.00027	5%	8.5	4.5	12.5	5.0	0.50	P3894-ND	.17	1.41	11.76	70.57	ECO-P1H271JZW
	.00033	5%	8.5	4.5	12.5	5.0	0.50	P3895-ND	.17	1.41	11.76	70.57	ECO-P1H331JZW
	.00039	5%	8.5	4.5	12.5	5.0	0.50	P3896-ND	.17	1.41	11.76	70.57	ECO-P1H391JZW
	.00047	5%	8.5	4.5	12.5	5.0	0.50	P3897-ND	.17	1.41	11.76	70.57	ECO-P1H471JZW
	.00056	5%	8.5	4.5	12.5	5.0	0.50	P3898-ND	.17	1.41	11.76	70.57	ECO-P1H561JZW
	.00068	5%	8.5	4.5	12.5	5.0	0.50	P3899-ND	.17	1.41	11.76	70.57	ECO-P1H681JZW
	.00082	5%	8.5	4.5	12.5	5.0	0.50	P3900-ND	.17	1.41	11.76	70.57	ECO-P1H821JZW
	.0011	2%	8.5	4.5	12.5	5.0	0.50	P3901-ND	.25	2.21	18.37	110.21	ECO-P1H102GZW
	.0012	2%	8.5	4.5	12.5	5.0	0.50	P3902-ND	.25	2.21	18.37	110.21	ECO-P1H122GZW
	.0015	2%	8.5	4.5	12.5	5.0	0.50	P3903-ND	.25	2.21	18.37	110.21	ECO-P1H152GZW
	.0018	2%	8.5	4.5	12.5	5.0	0.50	P3904-ND	.25	2.21	18.37	110.21	ECO-P1H182GZW
	.0022	2%	8.5	4.5	12.5	5.0	0.50	P3905-ND	.25	2.21	18.37	110.21	ECO-P1H222GZW
	.0027	2%	8.5	4.5	12.5	5.0	0.50	P3906-ND	.25	2.21	18.37	110.21	ECO-P1H272GZW
	.0033	2%	8.5	4.5	12.5	5.0	0.50	P3907-ND	.25	2.21	18.37	110.21	ECO-P1H332GZW
	.0039	2%	8.5	4.5	12.5	5.0	0.50	P3908-ND	.25	2.21	18.37	110.21	ECO-P1H392GZW
	.0047	2%	8.5	4.5	12.5	5.0	0.50	P3909-ND	.25	2.21	18.37	110.21	ECO-P1H472GZW
	.0056	2%	8.5	4.5	13.0	5.0	0.50	P3910-ND	.28	2.38	19.82	118.92	ECO-P1H562GZW
	.0068	2%	8.5	5.0	13.0	5.0	0.50	P3911-ND	.28	2.38	19.82	118.92	ECO-P1H682GZW
	.0082	2%	12.0	5.5	14.0	5.0	0.60	P3912-ND	.28	2.38	19.82	118.92	ECO-P1H822GZW
	.01	2%	12.0	5.0	13.5	5.0	0.60	P3913-ND	.30	2.58	21.49	128.94	ECO-P1H103GZW
	.012	2%	12.0	5.0	14.0	5.0	0.60	P3914-ND	.30	2.58	21.49	128.94	ECO-P1H123GZW
	.015	2%	12.0	5.0	14.0	5.0	0.60	P3915-ND	.30	2.58	21.49	128.94	ECO-P1H153GZW
	.018	2%	12.0	5.5	14.5	5.0	0.60	P3916-ND	.33	2.80	23.38	140.26	ECO-P1H183GZW
	.022	2%	12.0	5.5	15.5	5.0	0.60	P3917-ND	.33	2.80	23.38	140.26	ECO-P1H223GZW
	.027	2%	12.0	6.0	16.0	5.0	0.60	P3918-ND	.33	2.80	23.38	140.26	ECO-P1H273GZW
	.033	2%	12.0	6.5	16.5	5.0	0.60	P3919-ND	.34	2.93	24.42	146.47	ECO-P1H333GZW
	.039	2%	14.5	5.5	17.0	5.0	0.60	P3920-ND	.38	3.21	26.72	160.30	ECO-P1H393GZW

• RoHS Compliant

VW DC	Cap. μF	Tolerance	Dimensions - mm					Digi-Key Part No.	Pricing				Panasonic Part No.
			L	T	H	S	d		1	10	100	1,000	
	.0047	2%	14.5	6.0	17.5	5.0	0.60	P3921-ND	.44	3.73	31.11	186.65	ECO-P1H473GZW
	.0056	2%	14.5	6.5	18.5	5.0	0.60	P3922-ND	.44	3.73	31.11	186.65	ECO-P1H563GZW
	.0068	2%	14.5	7.0	19.0	5.0	0.60	P3923-ND	.44	3.73	31.11	186.65	ECO-P1H683GZW
	.0082	2%	17.0	7.0	19.0	7.5	0.60	P3924-ND	.44	3.73	31.11	186.65	ECO-P1H823GZW
	.01	2%	17.0	7.5	19.5	7.5	0.60	P3925-ND	.60	5.13	42.71	256.24	ECO-P1H104GZW
	.012	2%	17.0	8.5	20.5	7.5	0.60	P3926-ND	.75	6.40	53.32	319.95	ECO-P1H124GZW
	.015	2%	20.0	8.0	20.5	10.0	0.60						