

Panasonic® B-Series Polyester Capacitors

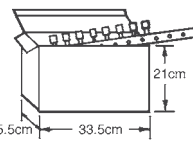
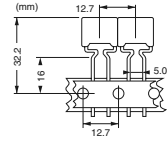
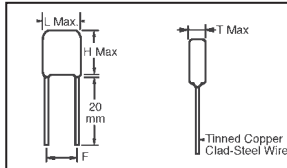
PANASONIC EQC-B CROSS REFERENCE: Sprague: 225P, 418P; Mepco: 713D1, 711D1, 719D1; TRW: 601PE, 601CPE; Packtron: PE, FM; Secor: MFDW, MFDR; Roederstein: KT1805, KT1806, KT1807, KT1808, KT1809; Wima: FKS; CSF Thompson: ED (Dip); Rubycon: F2X, F2S, F3U; Nichicon: TDY; Nissei: AMZ, AMX, AMR, AMM.

SPECIFICATIONS: • Operating Temp. Range: -40°C ~ 85°C • Rated Voltage: DC 50V, 100V, 200V. • Capacitance Range: .0001 ~ 0.47µF • Capacitance Tolerance: ±5% (J), ±10% (K) • Dissipation Factor: 1.0% (20°C, 1kHz) • Withstand Voltage: Between Terminals: rated voltage(V, DC) x 250% 1

~ 5 sec. • Insulation Resistance: C_s 0.33µF: 30000MΩ min. (20°C, 50VDC 60s; EQCB1H(F), C > 0.33µF: 10000MΩ min. (20°C, 100VDC 60s; EQCB2(F), EQCB2(F) • Construction: Polyester film, non-inductive, epoxy coating.

FEATURES: High volumetric efficiency; non-inductive construction; low-loss, high stability; and epoxy resin coating.

APPLICATIONS: Blocking, by-pass and coupling of DC and signal to VHF range; pulse, logic and timing circuits; light duty pulse forming networks; filter & noise suppression circuits; and general purpose usage.



Panasonic Polyester Capacitors Digi-Key® B-Series Kit
300 capacitors in all.
P4550-KIT-ND **\$29.95**
Includes those parts listed below (*).

P4551-ND . 80 pc.	P4555-ND . 30 pc.	P4559-ND . 30 pc.
P4552-ND . 10 pc.	P4556-ND . 10 pc.	P4560-ND . 10 pc.
P4553-ND . 20 pc.	P4557-ND . 20 pc.	P4561-ND . 30 pc.
P4554-ND . 20 pc.	P4558-ND . 20 pc.	P4562-ND . 20 pc.

F

Cap. µF	Tolerance	Dimensions (mm)	Digi-Key Part No.	10	100	1,000	5,000	Panasonic Part No.
50WV (Bulk Pkg.) — RoHS Compliant								
.0001	±10%	7.0 3.0 6.0 5.0	P4570-ND	.72	4.80	38.00	36.00/M	ECO-B1H101KF
.00012	±10%	7.0 3.0 6.0 5.0	P4571-ND	.72	4.80	38.00	36.00/M	ECO-B1H121KF
.00015	±10%	7.0 3.0 6.0 5.0	P4572-ND	.72	4.80	38.00	36.00/M	ECO-B1H151KF
.00018	±10%	7.0 3.0 6.0 5.0	P4573-ND	.72	4.80	38.00	36.00/M	ECO-B1H181KF
.00022	±10%	7.0 3.0 6.0 5.0	P4574-ND	.72	4.80	38.00	36.00/M	ECO-B1H221KF
.00027	±10%	7.0 3.0 6.0 5.0	P4575-ND	.72	4.80	38.00	36.00/M	ECO-B1H271KF
.00033	±10%	7.0 3.0 6.0 5.0	P4576-ND	.72	4.80	38.00	36.00/M	ECO-B1H331KF
.00039	±10%	7.0 3.0 6.0 5.0	P4577-ND	.72	4.80	38.00	36.00/M	ECO-B1H391KF
.00047	±5%	7.0 3.0 6.0 5.0	P4578-ND	.72	4.80	38.00	36.00/M	ECO-B1H471KF
.00056	±5%	7.0 3.0 6.0 5.0	P4579-ND	.72	4.80	38.00	36.00/M	ECO-B1H561JF
.00068	±5%	7.0 3.0 6.0 5.0	P4580-ND	.72	4.80	38.00	36.00/M	ECO-B1H681JF
.00082	±5%	7.0 3.0 6.0 5.0	P4581-ND	.72	4.80	38.00	36.00/M	ECO-B1H821JF
.001	±5%	7.0 3.0 6.0 5.0	P4551-ND*	.72	4.80	38.00	36.00/M	ECO-B1H102JF
.0012	±5%	7.0 3.0 6.0 5.0	P4552-ND*	.72	4.80	38.00	36.00/M	ECO-B1H122JF
.0015	±5%	7.0 3.0 6.0 5.0	P4553-ND*	.72	4.80	38.00	36.00/M	ECO-B1H152JF
.0018	±5%	7.0 3.0 6.0 5.0	P4554-ND*	.72	4.80	38.00	36.00/M	ECO-B1H182JF
.0022	±5%	7.0 3.0 6.0 5.0	P4555-ND*	.72	4.80	38.00	36.00/M	ECO-B1H222JF
.0027	±5%	7.0 3.0 6.0 5.0	P4556-ND*	.72	4.80	38.00	36.00/M	ECO-B1H272JF
.0033	±5%	7.0 3.0 6.0 5.0	P4557-ND*	.72	4.80	38.00	36.00/M	ECO-B1H332JF
.0039	±5%	7.0 3.0 6.0 5.0	P4558-ND*	.72	4.80	38.00	36.00/M	ECO-B1H392JF
.0047	±5%	7.0 3.0 6.0 5.0	P4559-ND*	.72	4.80	38.00	36.00/M	ECO-B1H472JF
.00056	±5%	7.0 3.0 6.0 5.0	P4560-ND*	.72	4.80	38.00	36.00/M	ECO-B1H562JF
.00068	±5%	7.0 3.0 6.0 5.0	P4561-ND*	.72	4.80	38.00	36.00/M	ECO-B1H682JF
.00082	±5%	7.0 3.0 6.0 5.0	P4562-ND*	.72	4.80	38.00	36.00/M	ECO-B1H822JF
.01	±5%	7.0 3.0 6.0 5.0	P4582-ND	.72	4.80	38.00	36.00/M	ECO-B1H103JF
.012	±5%	7.3 3.3 6.0 5.0	P4583-ND	.75	5.00	39.00	38.00/M	ECO-B1H123JF
.015	±5%	7.5 3.0 6.0 5.0	P4584-ND	.78	5.20	41.00	39.00/M	ECO-B1H153JF
.018	±5%	7.5 3.0 6.0 5.0	P4585-ND	.81	5.40	42.00	41.00/M	ECO-B1H183JF
.022	±5%	7.5 3.0 6.0 5.0	P4586-ND	.81	5.40	42.00	41.00/M	ECO-B1H223JF
.027	±5%	7.5 3.5 6.5 5.0	P4587-ND	.84	5.60	44.00	42.00/M	ECO-B1H273JF
.033	±5%	7.5 3.5 6.5 5.0	P4589-ND	.87	5.80	45.00	44.00/M	ECO-B1H333JF
.039	±5%	7.5 4.0 7.0 5.0	P4588-ND	.90	6.00	47.00	45.00/M	ECO-B1H393JF
.047	±5%	7.5 4.0 7.5 5.0	P4589-ND	.93	6.20	48.00	47.00/M	ECO-B1H473JF
.056	±5%	8.0 4.3 7.5 5.0	P4590-ND	1.00	6.60	52.00	50.00/M	ECO-B1H563JF
.068	±5%	8.0 4.3 8.5 5.0	P4591-ND	1.14	7.60	59.00	57.00/M	ECO-B1H683JF
.082	±5%	8.0 4.5 9.0 5.0	P4592-ND	1.20	8.00	63.00	60.00/M	ECO-B1H823JF
.1	±5%	8.0 5.0 10.0 5.0	P4593-ND	1.29	8.60	67.00	65.00/M	ECO-B1H104JF
.12	±5%	11.0 5.0 11.6 7.5	P4594-ND	3.15	21.00	164.00	159.00/M	ECO-B1H124JF
.15	±5%	11.0 5.0 12.0 7.5	P4595-ND	3.39	22.60	177.00	171.00/M	ECO-B1H154JF
.18	±5%	11.0 6.0 12.4 7.5	P4596-ND	3.54	23.60	184.00	178.00/M	ECO-B1H184JF
.22	±5%	11.0 6.0 13.0 7.5	P4597-ND	3.96	26.40	206.00	199.00/M	ECO-B1H224JF
.27	±5%	13.0 6.0 14.4 10.0	P4598-ND	4.95	33.00	258.00	249.00/M	ECO-B1H274JF
.33	±5%	13.0 6.0 15.0 10.0	P4599-ND	5.34	35.60	278.00	269.00/M	ECO-B1H334JF
.39	±5%	13.0 6.5 15.4 10.0	P4734-ND	5.76	38.40	300.00	290.00/M	ECO-B1H394JF
.47	±5%	13.0 7.5 16.2 10.0	P4735-ND	6.33	42.20	330.00	319.00/M	ECO-B1H474JF
100WV (Bulk Pkg.)								
.0001	±5%	7.2 3.0 6.0 5.0	P4773-ND	2.04	13.60	106.00	103.00/M	ECO-B1101JF
.00012	±5%	7.2 3.0 6.0 5.0	P4774-ND	2.04	13.60	106.00	103.00/M	ECO-B1121JF
.00015	±5%	7.2 3.0 6.0 5.0	P4776-ND	2.04	13.60	106.00	103.00/M	ECO-B1151JF
.00022	±5%	7.2 3.0 6.0 5.0	P4777-ND	2.04	13.60	106.00	103.00/M	ECO-B1181JF
.00027	±5%	7.2 3.0 6.0 5.0	P4778-ND	2.04	13.60	106.00	103.00/M	ECO-B1271JF
.00033	±5%	7.2 3.0 6.0 5.0	P4779-ND	2.04	13.60	106.00	103.00/M	ECO-B1331JF
.00047	±5%	7.2 3.0 6.0 5.0	P4781-ND	1.16	7.74	60.00	58.00/M	ECO-B1471JF
.00056	±5%	7.2 3.0 6.0 5.0	P4782-ND	1.16	7.74	60.00	58.00/M	ECO-B1561JF
.00068	±5%	7.2 3.0 6.0 5.0	P4783-ND	1.16	7.74	60.00	58.00/M	ECO-B1681JF
.00082	±5%	7.2 3.0 6.0 5.0	P4784-ND	1.16	7.74	60.00	58.00/M	ECO-B1821JF
.001	±5%	7.2 3.0 6.0 5.0	P4785-ND	1.16	7.74	60.00	58.00/M	ECO-B1102JF
.0012	±5%	7.2 3.0 6.0 5.0	P4786-ND	1.16	7.74	60.00	58.00/M	ECO-B1122JF
.0015	±5%	7.2 3.0 6.0 5.0	P4787-ND	1.16	7.74	60.00	58.00/M	ECO-B1152JF
.0018	±5%	7.2 3.0 6.5 5.0	P4788-ND	1.16	7.74	60.00	58.00/M	ECO-B1182JF
.0022	±5%	7.2 3.0 6.5 5.0	P4789-ND	1.16	7.74	60.00	58.00/M	ECO-B1222JF
.0027	±5%	7.2 3.0 6.5 5.0	P4790-ND	1.16	7.74	60.00	58.00/M	ECO-B1272JF
.0033	±5%	7.2 3.0 6.5 5.0	P4791-ND	1.16	7.74	60.00	58.00/M	ECO-B1332JF
.0039	±5%	7.2 3.0 6.5 5.0	P4792-ND	1.16	7.74	60.00	58.00/M	ECO-B1392JF
.0047	±5%	7.2 3.0 6.5 5.0	P4793-ND	1.16	7.74	60.00	58.00/M	ECO-B1472JF
.0056	±5%	7.2 3.0 6.5 5.0	P4794-ND	1.16	7.74	60.00	58.00/M	ECO-B1562JF
.0068	±5%	7.2 3.0 6.5 5.0	P4795-ND	1.16	7.74	60.00	58.00/M	ECO-B1682JF
.0082	±5%	7.2 3.2 7.0 5.0	P4796-ND	1.16	7.74	60.00	58.00/M	ECO-B1822JF
.01	±5%	7.2 3.2 7.0 5.0	P4797-ND	1.16	7.74	60.00	58.00/M	ECO-B1103JF
.012	±5%	7.2 3.5 7.0 5.0	P4798-ND	1.16	7.74	60.00	58.00/M	ECO-B1123JF
.015	±5%	7.2 4.0 7.5 5.0	P4799-ND	1.20	8.02	63.00	61.00/M	ECO-B1153JF
.018	±5%	7.2 4.5 8.0 5.0	P4647-ND	1.28	8.56	67.00	65.00/M	ECO-B1183JF
.022	±5%	7.2 4.5 9.0 5.0	P4648-ND	1.38	9.22	72.00	70.00/M	ECO-B1223JF
.027	±5%	7.5 5.0 9.5 5.0	P4649-ND	1.44	9.62	75.00	73.00/M	ECO-B1273JF
.033	±5%	7.5 5.0 10.0 5.0	P4650-ND	1.47	9.80	77.00	74.00/M	ECO-B1333JF
.039	±5%	7.5 6.0 11.2 5.0	P4651-ND	1.47	9.80	77.00	74.00/M	ECO-B1393JF
.047	±5%	7.5 6.5 11.8 5.0	P4652-ND	1.49	9.90	77.00	75.00/M	ECO-B1473JF
.056	±5%	10.0 5.0 12.0 7.5	P4653-ND	1.49	9.90	77.00	75.00/M	ECO-B1563JF
.068	±5%	10.0 5.5 12.4 7.5	P4654-ND	1.52	10.12	79.00	76.00/M	ECO-B1683JF
.082	±5%	10.0 5.5 14.0 7.5	P4655-ND	1.55	10.36	81.00	78.00/M	ECO-B1823JF
.1	±5%	10.5 6.0 14.6 7.5	P4656-ND	1.59	10.58	83.00	80.00/M	ECO-B1104JF
.12	±5%	10.5 7.0 15.2 7.5	P4657-ND	2.54	16.94	132.00	128.00/M	ECO-B1124JF
.15	±5%	13.0 7.0 12.0 13.8	P4658-ND	3.05	20.32	159.00	153.00/M	ECO-B1154JF

Cap. µF	Tolerance	Dimensions (mm)	Digi-Key Part No.	10	100	1,000	5,000	Panasonic Part No.
100WV (Bulk Pkg.)								
.18	±5%	13.0 7.5 14.4 10.0	P4659-ND	3.56	23.70	185.00	179.00/M	ECO-B1184JF
.22	±5%	13.0 8.0 15.2 10.0	P4660-ND	4.06	27.08	212.00	205.00/M	ECO-B1224JF
.27	±5%	13.0 8.5 17.2 10.0	P4661-ND	4.57	30.46	238.00	230.00/M	ECO-B1274JF
.33	±5%	13.0 9.0 18.0 10.0	P4662-ND	5.08	33.84	264.00	256.00/M	ECO-B1334JF
.39	±5%	13.0 10.5 19.0 10.0	P4663-ND	6.09	40.60	317.00	307.00/M	ECO-B1394JF
.47	±5%	13.0 11.5 19.2 10.0	P4664-ND	7.61	50.74	396.00	383.00/M	ECO-B1474JF
200WV (Bulk Pkg.)								
.001	±5%	8.5 4.0 7.0 5.0	P4537A-ND	1.40	9.30	73.00	70.00/M	ECO-B2102JF
.0012	±5%	8.5 4.0 7.5 5.0	P4538A-ND	1.40	9.30	73.00	70.00/M	ECO-B2122JF
.0015	±5%	8.5 4.0 7.5 5.0	P4539A-ND	1.40	9.30	73.00	70.00/M	ECO-B2152JF
.0018	±5%	8.5 4.5 7.5 5.0	P4540A-ND	1.40	9.30	73.00		