

G-BA Series screw terminal style

- Long life for industrial applications
- 2000 hour life @ 105°C with ripple current applied
- High CV design
- Customized designs available



Rated Working Voltage:	10 ~ 450 VDC
Operating Temperature:	-40 ~ +105°C
Nominal Capacitance:	220 ~ 1200000µF
Capacitance Tolerance:	± 20%
Endurance:	2000 hours at +105°C with maximum specified ripple current (see page 4)

Part Number System

E E G
Common Code/
Terminal Style

B A
Series
Code

□ □
Voltage
Code

□ □ □ □
Capacitance
Code

□ □
Case Size
Code

□

Terminal Code

"E" type, high post, 10-32 NF-2B thread is standard
Please see page 34 for other terminal options and dimensions

Please see page 34 for temperature and frequency ripple current multipliers

G-BA Typical Ratings

Cap. (µF)	Nominal Size D x L (inches)	Max 105°C R.C. (A _{rms})		20°C ESR (Ω, max.)		Panasonic Part Number	Cap. (µF)	Nominal Size D x L (inches)	Max 105°C R.C. (A _{rms})		20°C ESR (Ω, max.)		Panasonic Part Number
		120Hz	10k~100kHz	120Hz	20kHz				120Hz	10k~100kHz	120Hz	20kHz	
10 VDC Working, 13 VDC Surge							16 VDC Working, 20 VDC Surge						
33000	1.375 x 1.625	4.67	5.37	0.0402	0.0362	EEGBA1A333CAE	22000	1.375 x 1.625	4.47	5.14	0.0435	0.0392	EEGBA1C223CAE
39000	1.375 x 2.125	5.31	6.11	0.0345	0.0310	EEGBA1A393CCE	33000	1.375 x 2.125	5.65	6.50	0.0301	0.0271	EEGBA1C333CCE
56000	1.375 x 2.625	6.62	7.61	0.0249	0.0224	EEGBA1A563CEE	47000	1.375 x 2.625	6.99	8.04	0.0221	0.0199	EEGBA1C473CEE
75000	1.375 x 3.125	7.86	9.04	0.0194	0.0174	EEGBA1A753CGE	56000	1.375 x 3.125	7.89	9.07	0.0191	0.0172	EEGBA1C563CGE
82000	1.375 x 3.625	8.52	9.80	0.0180	0.0162	EEGBA1A823CHE	68000	1.375 x 3.625	8.91	10.25	0.0163	0.0146	EEGBA1C683CHE
100000	1.375 x 4.125	9.56	10.99	0.0153	0.0138	EEGBA1A104CKE	82000	1.375 x 4.125	9.93	11.42	0.0141	0.0126	EEGBA1C823CKE
120000	1.375 x 4.625	10.64	12.24	0.0132	0.0119	EEGBA1A124CLE	91000	1.375 x 4.625	10.71	12.32	0.0130	0.0117	EEGBA1C913CLE
130000	1.375 x 5.125	11.32	13.02	0.0125	0.0112	EEGBA1A134CNE	100000	1.375 x 5.125	11.44	13.16	0.0121	0.0109	EEGBA1C104CNE
150000	1.375 x 5.625	12.28	14.12	0.0112	0.0101	EEGBA1A154CPE	120000	1.375 x 5.625	12.55	14.43	0.0106	0.0096	EEGBA1C124CPE
82000	2.000 x 1.875	9.10	10.47	0.0180	0.0162	EEGBA1A823FBE	56000	2.000 x 1.875	8.81	10.13	0.0191	0.0172	EEGBA1C563FBE
100000	2.000 x 2.125	10.03	11.53	0.0153	0.0138	EEGBA1A104FCE	75000	2.000 x 2.125	10.07	11.58	0.0151	0.0136	EEGBA1C753FCE
120000	2.000 x 2.625	11.32	13.02	0.0132	0.0119	EEGBA1A124FEE	100000	2.000 x 2.625	11.78	13.55	0.0121	0.0109	EEGBA1C104FEE
150000	2.000 x 3.125	12.77	14.69	0.0112	0.0101	EEGBA1A154FGE	120000	2.000 x 3.125	13.06	15.02	0.0106	0.0096	EEGBA1C124FGE
180000	2.000 x 3.625	14.11	16.23	0.0098	0.0089	EEGBA1A184FHE	150000	2.000 x 3.625	14.56	16.74	0.0092	0.0082	EEGBA1C154FHE
220000	2.000 x 4.125	15.53	17.86	0.0086	0.0077	EEGBA1A224FKE	180000	2.000 x 4.125	15.87	18.25	0.0082	0.0073	EEGBA1C184FKE
270000	2.000 x 5.125	17.54	20.17	0.0076	0.0068	EEGBA1A274FNE	220000	2.000 x 5.125	17.83	20.50	0.0073	0.0065	EEGBA1C224FNE
330000	2.000 x 5.625	19.00	21.85	0.0067	0.0061	EEGBA1A334FPE	270000	2.000 x 5.625	19.26	22.15	0.0065	0.0059	EEGBA1C274FPE
270000	2.500 x 3.125	17.74	20.40	0.0076	0.0068	EEGBA1A274GGE	180000	2.500 x 3.125	17.09	19.65	0.0082	0.0073	EEGBA1C184GGE
330000	2.500 x 3.625	19.36	22.26	0.0067	0.0061	EEGBA1A334GHE	220000	2.500 x 3.625	18.67	21.47	0.0073	0.0065	EEGBA1C224GHE
390000	2.500 x 4.125	20.76	23.87	0.0062	0.0056	EEGBA1A394GKE	270000	2.500 x 4.125	20.21	23.24	0.0065	0.0059	EEGBA1C274GKE
470000	2.500 x 4.625	22.29	25.63	0.0056	0.0051	EEGBA1A474GLE	330000	2.500 x 4.625	21.76	25.02	0.0059	0.0053	EEGBA1C334GLE
510000	2.500 x 5.125	23.27	26.76	0.0054	0.0049	EEGBA1A514GNE	390000	2.500 x 5.125	23.08	26.54	0.0055	0.0050	EEGBA1C394GNE
560000	2.500 x 5.625	24.29	27.93	0.0052	0.0047	EEGBA1A564GPE	470000	2.500 x 5.625	24.46	28.13	0.0051	0.0046	EEGBA1C474GPE
390000	3.000 x 3.125	21.95	25.24	0.0062	0.0056	EEGBA1A394HGE	330000	3.000 x 3.125	22.32	25.67	0.0059	0.0053	EEGBA1C334HGE
470000	3.000 x 3.625	23.58	27.12	0.0056	0.0051	EEGBA1A474HHE	390000	3.000 x 3.625	23.79	27.36	0.0055	0.0050	EEGBA1C394HHE
560000	3.000 x 4.125	25.08	28.84	0.0052	0.0047	EEGBA1A564HKE	470000	3.000 x 4.125	25.25	29.04	0.0051	0.0046	EEGBA1C474HKE
680000	3.000 x 4.625	26.68	30.68	0.0048	0.0044	EEGBA1A684HLE	510000	3.000 x 4.625	26.29	30.23	0.0050	0.0045	EEGBA1C514HLE
750000	3.000 x 5.125	27.76	31.92	0.0047	0.0042	EEGBA1A754HNE	560000	3.000 x 5.125	27.32	31.42	0.0048	0.0043	EEGBA1C564HNE
820000	3.000 x 5.625	28.79	33.11	0.0045	0.0041	EEGBA1A824HPE	620000	3.000 x 5.625	28.36	32.61	0.0047	0.0042	EEGBA1C624HPE
1200000	3.000 x 8.625	34.30	39.45	0.0041	0.0036	EEGBA1A125HWE	1000000	3.000 x 8.625	34.01	39.11	0.0041	0.0037	EEGBA1C105HWE

G-BA Typical Ratings (continued)

Cap. (μ F)	Nominal Size D x L (inches)	Max 105°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number	Cap. (μ F)	Nominal Size D x L (inches)	Max 105°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number
		120Hz	10k~100kHz	120Hz	20kHz				120Hz	10k~100kHz	120Hz	20kHz	
25 VDC Working, 32 VDC Surge							35 VDC Working, 44 VDC Surge						
18000	1.375 x 1.625	4.52	5.20	0.0368	0.0313	EEGBA1E183CAE	12000	1.375 x 1.625	4.36	5.01	0.0491	0.0418	EEGBA1V123CAE
22000	1.375 x 2.125	5.21	5.99	0.0309	0.0263	EEGBA1E223CCE	18000	1.375 x 2.125	5.51	6.34	0.0337	0.0287	EEGBA1V183CCE
33000	1.375 x 2.625	6.62	7.61	0.0220	0.0187	EEGBA1E333CEE	22000	1.375 x 2.625	6.41	7.37	0.0281	0.0239	EEGBA1V223CEE
39000	1.375 x 3.125	7.46	8.58	0.0192	0.0163	EEGBA1E393CGE	27000	1.375 x 3.125	7.33	8.43	0.0235	0.0200	EEGBA1V273CGE
47000	1.375 x 3.625	8.41	9.67	0.0167	0.0142	EEGBA1E473CHE	33000	1.375 x 3.625	8.32	9.57	0.0197	0.0168	EEGBA1V333CHE
56000	1.375 x 4.125	9.35	10.75	0.0146	0.0124	EEGBA1E563CKE	39000	1.375 x 4.125	9.23	10.61	0.0172	0.0146	EEGBA1V393CKE
68000	1.375 x 4.625	10.43	11.99	0.0128	0.0109	EEGBA1E683CLE	47000	1.375 x 4.625	10.29	11.83	0.0147	0.0125	EEGBA1V473CLE
75000	1.375 x 5.125	11.17	12.85	0.0120	0.0102	EEGBA1E753CNE	51000	1.375 x 5.125	10.95	12.59	0.0138	0.0117	EEGBA1V513CNE
82000	1.375 x 5.625	11.88	13.66	0.0113	0.0096	EEGBA1E823CPE	56000	1.375 x 5.625	11.68	13.43	0.0129	0.0109	EEGBA1V563CPE
47000	2.000 x 1.875	8.96	10.30	0.0167	0.0142	EEGBA1E473FBE	33000	2.000 x 1.875	8.76	10.07	0.0197	0.0168	EEGBA1V333FBE
56000	2.000 x 2.125	9.78	11.25	0.0146	0.0124	EEGBA1E563FCE	39000	2.000 x 2.125	9.54	10.97	0.0172	0.0146	EEGBA1V393FCE
68000	2.000 x 2.625	11.08	12.74	0.0128	0.0109	EEGBA1E683FEE	47000	2.000 x 2.625	10.79	12.41	0.0147	0.0125	EEGBA1V473FEE
100000	2.000 x 3.125	13.18	15.16	0.0100	0.0085	EEGBA1E104FGE	68000	2.000 x 3.125	12.80	14.72	0.0111	0.0094	EEGBA1V683FGE
120000	2.000 x 3.625	14.49	16.66	0.0090	0.0077	EEGBA1E124FHE	82000	2.000 x 3.625	14.12	16.24	0.0097	0.0083	EEGBA1V823FHE
130000	2.000 x 4.125	15.33	17.63	0.0087	0.0074	EEGBA1E134FKE	100000	2.000 x 4.125	15.47	17.79	0.0085	0.0072	EEGBA1V104FKE
150000	2.000 x 5.125	16.99	19.54	0.0081	0.0068	EEGBA1E154FNE	120000	2.000 x 5.125	17.31	19.91	0.0076	0.0064	EEGBA1V124FNE
180000	2.000 x 5.625	18.32	21.07	0.0074	0.0063	EEGBA1E184FPE	150000	2.000 x 5.625	18.80	21.62	0.0067	0.0057	EEGBA1V154FPE
120000	2.500 x 3.125	16.11	18.53	0.0090	0.0077	EEGBA1E124GGE	100000	2.500 x 3.125	16.64	19.14	0.0085	0.0072	EEGBA1V104GGE
150000	2.500 x 3.625	17.76	20.42	0.0081	0.0068	EEGBA1E154GHE	120000	2.500 x 3.625	18.10	20.82	0.0076	0.0064	EEGBA1V124GHE
180000	2.500 x 4.125	19.19	22.07	0.0074	0.0063	EEGBA1E184GKE	150000	2.500 x 4.125	19.70	22.66	0.0067	0.0057	EEGBA1V154GKE
220000	2.500 x 4.625	20.74	23.85	0.0068	0.0058	EEGBA1E224GLE	180000	2.500 x 4.625	21.15	24.32	0.0060	0.0051	EEGBA1V184GLE
270000	2.500 x 5.125	22.24	25.58	0.0063	0.0054	EEGBA1E274GNE	220000	2.500 x 5.125	22.60	25.99	0.0055	0.0047	EEGBA1V224GNE
330000	2.500 x 5.625	23.68	27.23	0.0059	0.0050	EEGBA1E334GPE	270000	2.500 x 5.625	24.03	27.63	0.0050	0.0043	EEGBA1V274GPE
220000	3.000 x 3.125	21.25	24.44	0.0068	0.0058	EEGBA1E224HGE	150000	3.000 x 3.125	20.80	23.92	0.0067	0.0057	EEGBA1V154HGE
270000	3.000 x 3.625	22.89	26.32	0.0063	0.0054	EEGBA1E274HHE	180000	3.000 x 3.625	22.35	25.70	0.0060	0.0051	EEGBA1V184HHE
330000	3.000 x 4.125	24.42	28.08	0.0059	0.0050	EEGBA1E334HKE	220000	3.000 x 4.125	23.89	27.47	0.0055	0.0047	EEGBA1V224HKE
390000	3.000 x 4.625	25.81	29.68	0.0056	0.0048	EEGBA1E394HLE	270000	3.000 x 4.625	25.46	29.28	0.0050	0.0043	EEGBA1V274HLE
430000	3.000 x 5.125	26.84	30.87	0.0055	0.0047	EEGBA1E434HNE	300000	3.000 x 5.125	26.53	30.51	0.0048	0.0041	EEGBA1V304HNE
470000	3.000 x 5.625	27.82	31.99	0.0054	0.0046	EEGBA1E474HPE	330000	3.000 x 5.625	27.53	31.66	0.0046	0.0039	EEGBA1V334HPE
750000	3.000 x 8.625	33.26	38.25	0.0049	0.0042	EEGBA1E754HWE	560000	3.000 x 8.625	33.28	38.27	0.0039	0.0034	EEGBA1V564HWE
50 VDC Working, 63 VDC Surge							63 VDC Working, 79 VDC Surge						
8200	1.375 x 1.625	4.11	4.73	0.0539	0.0458	EEGBA1H822CAE	5600	1.375 x 1.625	3.80	4.37	0.0658	0.0559	EEGBA1J562CAE
12000	1.375 x 2.125	5.11	5.88	0.0368	0.0313	EEGBA1H123CCE	8200	1.375 x 2.125	4.76	5.47	0.0449	0.0382	EEGBA1J822CCE
15000	1.375 x 2.625	5.99	6.89	0.0295	0.0251	EEGBA1H153CEE	10000	1.375 x 2.625	5.54	6.37	0.0368	0.0313	EEGBA1J103CEE
18000	1.375 x 3.125	6.80	7.82	0.0246	0.0209	EEGBA1H183CGE	12000	1.375 x 3.125	6.29	7.23	0.0307	0.0261	EEGBA1J123CGE
22000	1.375 x 3.625	7.72	8.88	0.0201	0.0171	EEGBA1H223CHE	15000	1.375 x 3.625	7.22	8.30	0.0246	0.0209	EEGBA1J153CHE
27000	1.375 x 4.125	8.69	9.99	0.0164	0.0139	EEGBA1H273CKE	18000	1.375 x 4.125	8.08	9.29	0.0205	0.0174	EEGBA1J183CKE
33000	1.375 x 4.625	9.73	11.19	0.0134	0.0114	EEGBA1H333CLE	22000	1.375 x 4.625	9.07	10.43	0.0167	0.0142	EEGBA1J223CLE
36000	1.375 x 5.125	10.38	11.94	0.0125	0.0106	EEGBA1H363CNE	27000	1.375 x 5.125	10.12	11.64	0.0164	0.0139	EEGBA1J273CNE
39000	1.375 x 5.625	11.01	12.66	0.0118	0.0100	EEGBA1H393CPE	30000	1.375 x 5.625	10.83	12.45	0.0147	0.0125	EEGBA1J303CPE
22000	2.000 x 1.875	8.27	9.51	0.0201	0.0171	EEGBA1H223FBE	15000	2.000 x 1.875	7.69	8.84	0.0295	0.0251	EEGBA1J153FBE
27000	2.000 x 2.125	9.13	10.50	0.0164	0.0139	EEGBA1H273FCE	18000	2.000 x 2.125	8.44	9.71	0.0246	0.0209	EEGBA1J183FCE
33000	2.000 x 2.625	10.38	11.94	0.0134	0.0114	EEGBA1H333FEE	22000	2.000 x 2.625	9.62	11.06	0.0201	0.0171	EEGBA1J223FEE
39000	2.000 x 3.125	11.49	13.21	0.0118	0.0100	EEGBA1H393FGE	33000	2.000 x 3.125	11.61	13.35	0.0134	0.0114	EEGBA1J333FGE
47000	2.000 x 3.625	12.72	14.63	0.0103	0.0087	EEGBA1H473FHE	39000	2.000 x 3.625	12.75	14.66	0.0117	0.0099	EEGBA1J393FHE
56000	2.000 x 4.125	13.91	16.00	0.0091	0.0077	EEGBA1H563FKE	47000	2.000 x 4.125	13.96	16.05	0.0101	0.0086	EEGBA1J473FKE
82000	2.000 x 5.125	16.51	18.99	0.0072	0.0061	EEGBA1H823FNE	56000	2.000 x 5.125	15.63	17.97	0.0089	0.0075	EEGBA1J563FNE
91000	2.000 x 5.625	17.43	20.04	0.0068	0.0057	EEGBA1H913FPE	68000	2.000 x 5.625	16.92	19.46	0.0077	0.0066	EEGBA1J683FPE
75000	2.500 x 3.125	16.26	18.70	0.0076	0.0064	EEGBA1H753GGE	47000	2.500 x 3.125	14.99	17.24	0.0101	0.0086	EEGBA1J473GGE
82000	2.500 x 3.625	17.23	19.81	0.0072	0.0061	EEGBA1H823GHE	56000	2.500 x 3.625	16.32	18.77	0.0089	0.0075	EEGBA1J563GHE
100000	2.500 x 4.125	18.65	21.45	0.0064	0.0055	EEGBA1H104GKE	68000	2.500 x 4.125	17.70	20.36	0.0077	0.0066	EEGBA1J683GKE
120000	2.500 x 4.625	20.03	23.03	0.0058	0.0050	EEGBA1H124GLE	82000	2.500 x 4.625	19.09	21.95	0.0068	0.0058	EEGBA1J823GLE
130000	2.500 x 5.125	20.92	24.06	0.0056	0.0048	EEGBA1H134GNE	100000	2.500 x 5.125	20.48	23.55	0.0060	0.0051	EEGBA1J104GNE
150000	2.500 x 5.625	22.06	25.37	0.0053	0.0045	EEGBA1H154GPE	110000	2.500 x 5.625	21.40	24.61	0.0057	0.0048	EEGBA1J114GPE
100000	3.000 x 3.125	19.66	22.61	0.0064	0.0055	EEGBA1H104HGE	82000	3.000 x 3.125	19.53	22.46	0.0068	0.0058	EEGBA1J823HGE
120000	3.000 x 3.625	21.13	24.30	0.0058	0.0050	EEGBA1H124HHE	91000	3.000 x 3.625	20.62	23.71	0.0064	0.0054	EEGBA1J913HHE
150000	3.000 x 4.125	22.71	26.12	0.0053	0.0045	EEGBA1H154HKE	100000	3.000 x 4.125	21.61	24.85	0.0060	0.0051	EEGBA1J104HKE
160000	3.000 x 4.625	23.63	27.17	0.0051	0.0044	EEGBA1H164HLE	120000	3.000 x 4.625	23.02	26.47	0.0054	0.0046	EEGBA1J124HLE
180000	3.000 x 5.125	24.71	28.42	0.0049	0.0042	EEGBA1H184HNE	130000	3.000 x 5.125	23.93	27.52	0.0052	0.0044	EEGBA1J134HNE
200000	3.000 x 5.625	25.72	29.58	0.0047	0.0040	EEGBA1H204HPE	150000	3.000 x 5.625	25.09	28.85	0.0048	0.0041	EEGBA1J154HPE
330000	3.000 x 8.625	31.19	35.87	0.0040	0.0034	EEGBA1H334HWE	220000	3.000 x 8.625	30.06	34.57	0.0040	0.0034	EEGBA1J224HWE

G-BA Typical Ratings (continued)

Cap. (μ F)	Nominal Size D x L (inches)	Max 105°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number	Cap. (μ F)	Nominal Size D x L (inches)	Max 105°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number
		120Hz	10k-100kHz	120Hz	20kHz				120Hz	10k-100kHz	120Hz	20kHz	
80 VDC Working, 100 VDC Surge							100 VDC Working, 125 VDC Surge						
3300	1.375 x 1.625	3.37	3.88	0.1116	0.0893	EEGBA1K332CAE	2200	1.375 x 1.625	2.48	2.85	0.1340	0.1072	EEGBA2A222CAE
3900	1.375 x 2.125	3.84	4.42	0.0945	0.0756	EEGBA1K392CCE	3300	1.375 x 2.125	3.18	3.66	0.0893	0.0714	EEGBA2A332CCE
4700	1.375 x 2.625	4.46	5.13	0.0784	0.0627	EEGBA1K472CEE	4700	1.375 x 2.625	4.00	4.60	0.0627	0.0502	EEGBA2A472CEE
6800	1.375 x 3.125	5.54	6.37	0.0542	0.0433	EEGBA1K682CGE	5600	1.375 x 3.125	4.56	5.24	0.0526	0.0421	EEGBA2A562CGE
8200	1.375 x 3.625	6.30	7.25	0.0449	0.0359	EEGBA1K822CHE	6800	1.375 x 3.625	5.21	5.99	0.0433	0.0347	EEGBA2A682CHE
10000	1.375 x 4.125	7.13	8.20	0.0368	0.0295	EEGBA1K103CKE	8200	1.375 x 4.125	5.89	6.77	0.0359	0.0288	EEGBA2A822CHE
12000	1.375 x 4.625	8.00	9.20	0.0307	0.0246	EEGBA1K123CLE	9100	1.375 x 4.625	6.41	7.37	0.0324	0.0259	EEGBA2A912CLE
15000	1.375 x 5.125	9.05	10.41	0.0246	0.0196	EEGBA1K153CNE	10000	1.375 x 5.125	6.91	7.95	0.0295	0.0236	EEGBA2A103CNE
18000	1.375 x 5.625	10.02	11.52	0.0205	0.0164	EEGBA1K183CPE	12000	1.375 x 5.625	7.71	8.87	0.0246	0.0196	EEGBA2A123CPE
8200	2.000 x 1.875	6.92	7.96	0.0449	0.0359	EEGBA1K822FBE	5600	2.000 x 1.875	5.24	6.03	0.0526	0.0421	EEGBA2A562FBE
12000	2.000 x 2.125	8.30	9.55	0.0307	0.0246	EEGBA1K123FCE	7500	2.000 x 2.125	6.11	7.03	0.0393	0.0314	EEGBA2A752FCE
15000	2.000 x 2.625	9.58	11.02	0.0246	0.0196	EEGBA1K153FEE	10000	2.000 x 2.625	7.32	8.42	0.0295	0.0236	EEGBA2A103FEE
18000	2.000 x 3.125	10.73	12.34	0.0205	0.0164	EEGBA1K183FGE	12000	2.000 x 3.125	8.26	9.50	0.0246	0.0196	EEGBA2A123FGE
22000	2.000 x 3.625	12.02	13.82	0.0167	0.0134	EEGBA1K223FHE	15000	2.000 x 3.625	9.43	10.84	0.0196	0.0157	EEGBA2A153FHE
27000	2.000 x 4.125	13.36	15.36	0.0136	0.0109	EEGBA1K273FKE	18000	2.000 x 4.125	10.50	12.08	0.0164	0.0131	EEGBA2A183FKE
33000	2.000 x 4.625	15.20	17.48	0.0121	0.0096	EEGBA1K333FNE	22000	2.000 x 5.125	12.09	13.90	0.0134	0.0107	EEGBA2A223FNE
39000	2.000 x 5.625	16.46	18.93	0.0110	0.0088	EEGBA1K393FPE	27000	2.000 x 5.625	13.41	15.42	0.0120	0.0096	EEGBA2A273FPE
27000	2.500 x 3.125	13.69	15.74	0.0191	0.0153	EEGBA1K273GGE	18000	2.500 x 3.125	11.61	13.35	0.0205	0.0164	EEGBA2A183GGE
33000	2.500 x 3.625	15.14	17.41	0.0156	0.0125	EEGBA1K333GHE	22000	2.500 x 3.625	13.00	14.95	0.0167	0.0134	EEGBA2A223GHE
39000	2.500 x 4.125	16.43	18.89	0.0132	0.0106	EEGBA1K393GKE	27000	2.500 x 4.125	14.46	16.63	0.0136	0.0109	EEGBA2A273GKE
43000	2.500 x 4.625	17.43	20.04	0.0120	0.0096	EEGBA1K433GLE	33000	2.500 x 4.625	16.00	18.40	0.0112	0.0089	EEGBA2A333GLE
47000	2.500 x 5.125	18.36	21.11	0.0116	0.0093	EEGBA1K473GNE	39000	2.500 x 5.125	17.38	19.99	0.0094	0.0076	EEGBA2A393GNE
56000	2.500 x 5.625	19.73	22.69	0.0097	0.0078	EEGBA1K563GPE	47000	2.500 x 5.625	18.89	21.72	0.0078	0.0063	EEGBA2A473GPE
47000	3.000 x 3.125	18.18	20.91	0.0125	0.0100	EEGBA1K473HGE	33000	3.000 x 3.125	16.84	19.37	0.0156	0.0125	EEGBA2A333HGE
56000	3.000 x 3.625	19.65	22.60	0.0105	0.0084	EEGBA1K563HHE	39000	3.000 x 3.625	18.37	21.13	0.0132	0.0106	EEGBA2A393HHE
68000	3.000 x 4.125	21.18	24.36	0.0087	0.0069	EEGBA1K683HKE	47000	3.000 x 4.125	20.01	23.01	0.0110	0.0088	EEGBA2A473HKE
75000	3.000 x 4.625	22.26	25.60	0.0079	0.0063	EEGBA1K753HLE	52000	3.000 x 4.625	21.20	24.38	0.0099	0.0079	EEGBA2A523HLE
82000	3.000 x 5.125	23.25	26.74	0.0072	0.0058	EEGBA1K823HNE	56000	3.000 x 5.125	22.18	25.51	0.0092	0.0074	EEGBA2A563HNE
91000	3.000 x 5.625	24.30	27.95	0.0073	0.0058	EEGBA1K913HPE	68000	3.000 x 5.625	23.93	27.52	0.0076	0.0061	EEGBA2A683HPE
150000	3.000 x 8.625	30.30	34.85	0.0041	0.0033	EEGBA1K154HWE	100000	3.000 x 8.625	29.74	34.20	0.0041	0.0033	EEGBA2A104HWE
200 VDC Working, 250 VDC Surge							250 VDC Working, 300 VDC Surge						
820	1.375 x 1.625	1.55	2.17	0.180	0.135	EEGBA2D821CAE	560	1.375 x 1.625	1.39	1.95	0.263	0.197	EEGBA2E561CAE
1000	1.375 x 2.125	1.81	2.53	0.147	0.111	EEGBA2D102CCE	820	1.375 x 2.125	1.77	2.48	0.180	0.135	EEGBA2E821CCE
1500	1.375 x 2.625	2.36	3.30	0.098	0.074	EEGBA2D152CEE	1000	1.375 x 2.625	2.08	2.91	0.147	0.111	EEGBA2E102CEE
1800	1.375 x 3.125	2.71	3.79	0.082	0.061	EEGBA2D182CGE	1200	1.375 x 3.125	2.39	3.35	0.123	0.092	EEGBA2E122CGE
2200	1.375 x 3.625	3.13	4.38	0.067	0.050	EEGBA2D222CHE	1500	1.375 x 3.625	2.80	3.92	0.098	0.074	EEGBA2E152CHE
2700	1.375 x 4.125	3.61	5.05	0.055	0.041	EEGBA2D272CKE	1800	1.375 x 4.125	3.18	4.45	0.082	0.061	EEGBA2E182CKE
3000	1.375 x 4.625	3.95	5.53	0.049	0.037	EEGBA2D302CLE	2200	1.375 x 4.625	3.65	5.11	0.067	0.050	EEGBA2E222CLE
3300	1.375 x 5.125	4.28	5.99	0.045	0.033	EEGBA2D332CNE	2400	1.375 x 5.125	3.94	5.52	0.061	0.046	EEGBA2E242CNE
3900	1.375 x 5.625	4.80	6.72	0.038	0.028	EEGBA2D392CPE	2700	1.375 x 5.625	4.31	6.03	0.055	0.041	EEGBA2E272CPE
2200	2.000 x 1.875	3.33	4.66	0.067	0.050	EEGBA2D222FBE	1500	2.000 x 1.875	2.95	4.13	0.098	0.074	EEGBA2E152FBE
2700	2.000 x 2.125	3.76	5.26	0.055	0.041	EEGBA2D272FCE	1800	2.000 x 2.125	3.30	4.62	0.082	0.061	EEGBA2E182FCE
3300	2.000 x 2.625	4.38	6.13	0.045	0.033	EEGBA2D332FEE	2200	2.000 x 2.625	3.84	5.38	0.067	0.050	EEGBA2E222FEE
4700	2.000 x 3.125	5.45	7.63	0.031	0.024	EEGBA2D472FGE	2700	2.000 x 3.125	4.44	6.22	0.055	0.041	EEGBA2E272FGE
5100	2.000 x 3.625	5.90	8.26	0.029	0.022	EEGBA2D512FHE	3300	2.000 x 3.625	5.09	7.13	0.045	0.033	EEGBA2E332FHE
5600	2.000 x 4.125	6.39	8.95	0.026	0.020	EEGBA2D562FKE	3900	2.000 x 4.125	5.72	8.01	0.038	0.028	EEGBA2E392FKE
6800	2.000 x 5.125	7.49	10.49	0.022	0.016	EEGBA2D682FNE	4700	2.000 x 5.125	6.69	9.37	0.031	0.024	EEGBA2E472FNE
8200	2.000 x 5.625	8.45	11.83	0.018	0.013	EEGBA2D822FPE	5600	2.000 x 5.625	7.50	10.50	0.026	0.020	EEGBA2E562FPE
6800	2.500 x 3.125	7.79	10.91	0.022	0.016	EEGBA2D682GGE	4700	2.500 x 3.125	6.70	9.38	0.031	0.024	EEGBA2E472GGE
8200	2.500 x 3.625	8.85	12.39	0.018	0.013	EEGBA2D822GHE	5600	2.500 x 3.625	7.57	10.60	0.026	0.020	EEGBA2E562GHE
10000	2.500 x 4.125	10.06	14.08	0.015	0.011	EEGBA2D103GKE	6800	2.500 x 4.125	8.59	12.03	0.022	0.016	EEGBA2E682GKE
12000	2.500 x 4.625	11.36	15.90	0.012	0.009	EEGBA2D123GLE	8200	2.500 x 4.625	9.72	13.61	0.018	0.013	EEGBA2E822GLE
13000	2.500 x 5.125	12.14	17.00	0.011	0.009	EEGBA2D133GNE	9100	2.500 x 5.125	10.52	14.73	0.016	0.012	EEGBA2E912GNE
15000	2.500 x 5.625	13.38	18.73	0.010	0.007	EEGBA2D153GPE	10000	2.500 x 5.625	11.30	15.82	0.015	0.011	EEGBA2E103GPE
10000	3.000 x 3.125	10.57	14.80	0.016	0.012	EEGBA2D103HGE	7500	3.000 x 3.125	9.46	13.24	0.022	0.016	EEGBA2E752HGE
12000	3.000 x 3.625	11.94	16.72	0.014	0.010	EEGBA2D123HHE	8200	3.000 x 3.625	10.20	14.28	0.020	0.015	EEGBA2E822HHE
15000	3.000 x 4.125	13.72	19.21	0.011	0.008	EEGBA2D153HKE	10000	3.000 x 4.125	11.57	16.20	0.016	0.012	EEGBA2E103HKE
18000	3.000 x 4.625	15.45	21.63	0.009	0.007	EEGBA2D183HLE	12000	3.000 x 4.625	13.03	18.24	0.014	0.010	EEGBA2E123HLE
20000	3.000 x 5.125	16.68	23.35	0.008	0.006	EEGBA2D203HNE	13000	3.000 x 5.125	13.89	19.45	0.012	0.009	EEGBA2E133HNE
22000	3.000 x 5.625	17.90	25.06	0.007	0.006	EEGBA2D223HPE	15000	3.000 x 5.625	15.27	21.38	0.011	0.008	EEGBA2E153HPE
33000	3.000 x 8.625	24.90	34.86	0.005	0.004	EEGBA2D333HWE	22000	3.000 x 8.625	21.00	29.40	0.008	0.006	EEGBA2E223HWE

G-BA Typical Ratings (continued)

Cap. (μ F)	Nominal Size D x L (inches)	Max 105°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number	Cap. (μ F)	Nominal Size D x L (inches)	Max 105°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number
		120Hz	10k~100kHz	120Hz	20kHz				120Hz	10k~100kHz	120Hz	20kHz	
300 VDC Working, 350 VDC Surge							350 VDC Working, 400 VDC Surge						
390	1.375 x 1.625	1.11	1.55	0.378	0.283	EEGBA2U391CAE	330	1.375 x 1.625	0.99	1.39	0.447	0.313	EEGBA2V331CAE
470	1.375 x 2.125	1.29	1.81	0.314	0.235	EEGBA2U471CCE	390	1.375 x 2.125	1.13	1.58	0.378	0.264	EEGBA2V391CCE
680	1.375 x 2.625	1.65	2.31	0.217	0.163	EEGBA2U681CEE	560	1.375 x 2.625	1.44	2.02	0.263	0.184	EEGBA2V561CEE
820	1.375 x 3.125	1.90	2.66	0.180	0.135	EEGBA2U821CGE	680	1.375 x 3.125	1.67	2.34	0.217	0.152	EEGBA2V681CGE
1000	1.375 x 3.625	2.19	3.07	0.147	0.111	EEGBA2U102CHE	820	1.375 x 3.625	1.91	2.67	0.180	0.126	EEGBA2V821CHE
1200	1.375 x 4.125	2.50	3.50	0.123	0.092	EEGBA2U122CKE	1000	1.375 x 4.125	2.19	3.07	0.147	0.103	EEGBA2V102CKE
1500	1.375 x 4.625	2.90	4.06	0.098	0.074	EEGBA2U152CLE	1200	1.375 x 4.625	2.50	3.50	0.123	0.086	EEGBA2V122CLE
1600	1.375 x 5.125	3.09	4.33	0.092	0.069	EEGBA2U162CNE	1300	1.375 x 5.125	2.69	3.77	0.113	0.079	EEGBA2V132CNE
1800	1.375 x 5.625	3.38	4.73	0.082	0.061	EEGBA2U182CPE	1500	1.375 x 5.625	2.98	4.17	0.098	0.069	EEGBA2V152CPE
1000	2.000 x 1.875	2.32	3.25	0.147	0.111	EEGBA2U102FBE	820	2.000 x 1.875	2.10	2.94	0.180	0.126	EEGBA2V821FBE
1200	2.000 x 2.125	2.59	3.63	0.123	0.092	EEGBA2U122FCE	1000	2.000 x 2.125	2.37	3.32	0.147	0.103	EEGBA2V102FCE
1500	2.000 x 2.625	3.06	4.28	0.098	0.074	EEGBA2U152FEE	1200	2.000 x 2.625	2.73	3.82	0.123	0.086	EEGBA2V122FEE
2200	2.000 x 3.125	3.86	5.40	0.067	0.050	EEGBA2U222FGE	1500	2.000 x 3.125	3.19	4.47	0.098	0.069	EEGBA2V152FGE
2700	2.000 x 3.625	4.44	6.22	0.055	0.041	EEGBA2U272FHE	1800	2.000 x 3.625	3.63	5.08	0.082	0.057	EEGBA2V182FHE
3300	2.000 x 4.125	5.07	7.10	0.045	0.033	EEGBA2U332FKE	2200	2.000 x 4.125	4.14	5.80	0.067	0.047	EEGBA2V222FKE
3900	2.000 x 5.125	5.87	8.22	0.038	0.028	EEGBA2U392FNE	2700	2.000 x 5.125	4.89	6.85	0.055	0.038	EEGBA2V272FNE
4700	2.000 x 5.625	6.62	9.27	0.031	0.024	EEGBA2U472FPE	3300	2.000 x 5.625	5.55	7.77	0.045	0.031	EEGBA2V332FPE
3300	2.500 x 3.125	5.61	7.85	0.045	0.033	EEGBA2U332GGE	2700	2.500 x 3.125	4.91	6.87	0.055	0.038	EEGBA2V272GGE
3900	2.500 x 3.625	6.32	8.85	0.038	0.028	EEGBA2U392GHE	3300	2.500 x 3.625	5.61	7.85	0.045	0.031	EEGBA2V332GHE
4700	2.500 x 4.125	7.14	10.00	0.031	0.024	EEGBA2U472GKE	3900	2.500 x 4.125	6.29	8.81	0.038	0.026	EEGBA2V392GKE
5600	2.500 x 4.625	8.04	11.26	0.026	0.020	EEGBA2U562GLE	4700	2.500 x 4.625	7.11	9.95	0.031	0.022	EEGBA2V472GLE
6200	2.500 x 5.125	8.68	12.15	0.024	0.018	EEGBA2U622GNE	5100	2.500 x 5.125	7.61	10.65	0.029	0.020	EEGBA2V512GNE
6800	2.500 x 5.625	9.32	13.05	0.022	0.016	EEGBA2U682GPE	5600	2.500 x 5.625	8.17	11.44	0.026	0.018	EEGBA2V562GPE
5100	3.000 x 3.125	7.80	10.92	0.032	0.024	EEGBA2U512HGE	3900	3.000 x 3.125	6.82	9.55	0.042	0.029	EEGBA2V392HGE
6200	3.000 x 3.625	8.87	12.42	0.026	0.020	EEGBA2U622HHE	4700	3.000 x 3.625	7.72	10.81	0.034	0.024	EEGBA2V472HHE
6800	3.000 x 4.125	9.54	13.36	0.024	0.018	EEGBA2U682HKE	5600	3.000 x 4.125	8.66	12.12	0.029	0.020	EEGBA2V562HKE
8200	3.000 x 4.625	10.77	15.08	0.020	0.015	EEGBA2U822HLE	6800	3.000 x 4.625	9.81	13.73	0.024	0.017	EEGBA2V682HLE
9100	3.000 x 5.125	11.62	16.27	0.018	0.013	EEGBA2U912HNE	7500	3.000 x 5.125	10.55	14.77	0.022	0.015	EEGBA2V752HNE
10000	3.000 x 5.625	12.47	17.46	0.016	0.012	EEGBA2U103HPE	8200	3.000 x 5.625	11.29	15.81	0.020	0.014	EEGBA2V822HPE
18000	3.000 x 8.625	18.99	26.59	0.010	0.007	EEGBA2U183HWE	12000	3.000 x 8.625	15.51	21.71	0.015	0.010	EEGBA2V123HWE
400 VDC Working, 450 VDC Surge							450 VDC Working, 500 VDC Surge						
270	1.375 x 1.625	0.97	1.36	0.546	0.355	EEGBA2G271CAE	220	1.375 x 1.625	0.88	1.23	0.670	0.435	EEGBA2W221CAE
330	1.375 x 2.125	1.13	1.58	0.447	0.290	EEGBA2G331CCE	270	1.375 x 2.125	1.03	1.44	0.546	0.355	EEGBA2W271CCE
390	1.375 x 2.625	1.31	1.83	0.378	0.246	EEGBA2G391CEE	330	1.375 x 2.625	1.21	1.69	0.447	0.290	EEGBA2W331CEE
560	1.375 x 3.125	1.65	2.31	0.263	0.171	EEGBA2G561CGE	470	1.375 x 3.125	1.51	2.11	0.314	0.204	EEGBA2W471CGE
680	1.375 x 3.625	1.90	2.66	0.217	0.141	EEGBA2G681CHE	560	1.375 x 3.625	1.73	2.42	0.263	0.171	EEGBA2W561CHE
820	1.375 x 4.125	2.17	3.04	0.180	0.117	EEGBA2G821CKE	680	1.375 x 4.125	1.98	2.77	0.217	0.141	EEGBA2W681CKE
910	1.375 x 4.625	2.38	3.33	0.162	0.105	EEGBA2G911CLE	750	1.375 x 4.625	2.16	3.02	0.196	0.128	EEGBA2W751CLE
1000	1.375 x 5.125	2.57	3.60	0.147	0.096	EEGBA2G102CNE	820	1.375 x 5.125	2.33	3.26	0.180	0.117	EEGBA2W821CNE
1200	1.375 x 5.625	2.91	4.07	0.123	0.080	EEGBA2G122CPE	1000	1.375 x 5.625	2.65	3.71	0.147	0.096	EEGBA2W102CPE
560	2.000 x 1.875	1.82	2.55	0.263	0.171	EEGBA2G561FBE	470	2.000 x 1.875	1.67	2.34	0.314	0.204	EEGBA2W471FBE
680	2.000 x 2.125	2.04	2.86	0.217	0.141	EEGBA2G681FCE	560	2.000 x 2.125	1.85	2.59	0.263	0.171	EEGBA2W561FCE
1000	2.000 x 2.625	2.61	3.65	0.147	0.096	EEGBA2G102FEE	820	2.000 x 2.625	2.36	3.30	0.180	0.117	EEGBA2W821FEE
1200	2.000 x 3.125	2.98	4.17	0.123	0.080	EEGBA2G122FGE	1000	2.000 x 3.125	2.72	3.81	0.147	0.096	EEGBA2W102FGE
1500	2.000 x 3.625	3.46	4.84	0.098	0.064	EEGBA2G152FHE	1200	2.000 x 3.625	3.10	4.34	0.123	0.080	EEGBA2W122FHE
1800	2.000 x 4.125	3.92	5.49	0.082	0.053	EEGBA2G182FKE	1500	2.000 x 4.125	3.58	5.01	0.098	0.064	EEGBA2W152FKE
2200	2.000 x 5.125	4.61	6.45	0.067	0.044	EEGBA2G222FNE	1800	2.000 x 5.125	4.17	5.84	0.082	0.053	EEGBA2W182FNE
2700	2.000 x 5.625	5.25	7.35	0.055	0.035	EEGBA2G272FPE	2200	2.000 x 5.625	4.74	6.64	0.067	0.044	EEGBA2W222FPE
2200	2.500 x 3.125	4.61	6.45	0.067	0.044	EEGBA2G222GGE	1500	2.500 x 3.125	3.80	5.32	0.098	0.064	EEGBA2W152GGE
2700	2.500 x 3.625	5.28	7.39	0.055	0.035	EEGBA2G272GHE	1800	2.500 x 3.625	4.31	6.03	0.082	0.053	EEGBA2W182GHE
3300	2.500 x 4.125	6.01	8.41	0.045	0.029	EEGBA2G332GKE	2200	2.500 x 4.125	4.91	6.87	0.067	0.044	EEGBA2W222GKE
3600	2.500 x 4.625	6.47	9.06	0.041	0.027	EEGBA2G362GLE	2700	2.500 x 4.625	5.61	7.85	0.055	0.035	EEGBA2W272GLE
3900	2.500 x 5.125	6.92	9.69	0.038	0.025	EEGBA2G392GNE	3300	2.500 x 5.125	6.36	8.90	0.045	0.029	EEGBA2W332GNE
4700	2.500 x 5.625	7.79	10.91	0.031	0.020	EEGBA2G472GPE	3900	2.500 x 5.625	7.09	9.93	0.038	0.025	EEGBA2W392GPE
3300	3.000 x 3.125	6.29	8.81	0.049	0.032	EEGBA2G332HGE	2700	3.000 x 3.125	5.69	7.97	0.060	0.039	EEGBA2W272HGE
3900	3.000 x 3.625	7.05	9.87	0.042	0.027	EEGBA2G392HHE	3300	3.000 x 3.625	6.48	9.07	0.049	0.032	EEGBA2W332HHE
4700	3.000 x 4.125	7.95	11.13	0.034	0.022	EEGBA2G472HKE	3900	3.000 x 4.125	7.24	10.14	0.042	0.027	EEGBA2W392HKE
5200	3.000 x 4.625	8.59	12.03	0.031	0.020	EEGBA2G522HLE	4300	3.000 x 4.625	7.82	10.95	0.038	0.025	EEGBA2W432HLE
5600	3.000 x 5.125	9.14	12.80	0.029	0.019	EEGBA2G562HNE	4700	3.000 x 5.125	8.37	11.72	0.034	0.022	EEGBA2W472HNE
6800	3.000 x 5.625	10.30	14.42	0.024	0.015	EEGBA2G682HPE	5600	3.000 x 5.625	9.35	13.09	0.029	0.019	EEGBA2W562HPE
10000	3.000 x 8.625	14.19	19.87	0.018	0.011	EEGBA2G103HWE	9100	3.000 x 8.625	13.54	18.96	0.019	0.013	EEGBA2W912HWE