

G-BA Series 105°C, 2000 hours

- Long life for industrial applications
- 2000 hour life @ 105°C with ripple current applied
- Stud mount available



Rated Working Voltage:	10 ~ 450 VDC	Ripple Current Multipliers:	Frequency (Hz):	50	60	100-120	300-360	1k	10k~
Operating Temperature:	-40 ~ +105°C		16-100WV:	0.9	0.95	1.0	1.05	1.08	1.15
Nominal Capacitance:	220 ~ 1200000µF		160-500WV:	0.75	0.8	1.0	1.2	1.25	1.4
Capacitance Tolerance:	± 20%		Ambient Temperature Factor**						
Max. Leakage Current:	3√CV (µA) after 5 minutes; C = Cap. in µF, V = WV		Ambient Temperature:	105°C	85°C	70°C	60°C	≤45°C	
Endurance:	2000 hours at +105°C*		Ripple Current Factor:	1.0	1.75	2.0	2.2	2.35	

*with maximum rated ripple current applied. See page 6 for additional details. **Use of temperature ripple current multipliers may limit life to the hours specified for the maximum operating temperature.

Part Number System



Common Code/
Terminal Style



Series
Code



Voltage
Code



Capacitance
Code



Case Size
Code



Terminal Code

"E" code (high post, 10-32 NF-2B thread, no stud) is shown.
Please see page 46 for other terminal / mounting options

NOTE: Series code in part number formerly "BA", shortened to "B"

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	10kHz~	120Hz	20kHz				120Hz	20kHz			
10 VDC Working, 13 VDC Surge							16 VDC Working, 20 VDC Surge (continued)						
33000	1.375 x 1.625	4.67	5.37	0.0402	0.0362	EEGB1A333CAE	100000	1.375 x 5.125	11.44	13.16	0.0121	0.0109	EEGB1C104CNE
39000	1.375 x 2.125	5.31	6.11	0.0345	0.0310	EEGB1A393CCE		2.000 x 2.625	11.78	13.55	0.0121	0.0109	EEGB1C104FEE
56000	1.375 x 2.625	6.62	7.61	0.0249	0.0224	EEGB1A563CEE	120000	1.375 x 5.625	12.55	14.43	0.0106	0.0096	EEGB1C124CPE
75000	1.375 x 3.125	7.86	9.04	0.0194	0.0174	EEGB1A753CGE		2.000 x 3.125	13.06	15.02	0.0106	0.0096	EEGB1C124FGE
82000	1.375 x 3.625	8.52	9.80	0.0180	0.0162	EEGB1A823CHE	150000	2.000 x 3.625	14.56	16.74	0.0092	0.0082	EEGB1C154FHE
	2.000 x 1.875	9.10	10.47	0.0180	0.0162	EEGB1A823FBE	180000	2.000 x 4.125	15.87	18.25	0.0082	0.0073	EEGB1C184FKE
100000	1.375 x 4.125	9.56	10.99	0.0153	0.0138	EEGB1A104CKE		2.500 x 3.125	17.09	19.65	0.0082	0.0073	EEGB1C184GGE
	2.000 x 2.125	10.03	11.53	0.0153	0.0138	EEGB1A104FCE	220000	2.000 x 5.125	17.83	20.50	0.0073	0.0065	EEGB1C224FNE
120000	1.375 x 4.625	10.64	12.24	0.0132	0.0119	EEGB1A124CLE		2.500 x 3.625	18.67	21.47	0.0073	0.0065	EEGB1C224GHE
	2.000 x 2.625	11.32	13.02	0.0132	0.0119	EEGB1A124FEE	270000	2.000 x 6.625	19.26	22.15	0.0065	0.0059	EEGB1C274FPE
130000	1.375 x 5.125	11.32	13.02	0.0125	0.0112	EEGB1A134CNE		2.500 x 4.125	20.21	23.24	0.0065	0.0059	EEGB1C274GKE
150000	1.375 x 5.625	12.28	14.12	0.0112	0.0101	EEGB1A154CPE	330000	2.500 x 4.625	21.76	25.02	0.0059	0.0053	EEGB1C334GLE
	2.000 x 3.125	12.77	14.69	0.0112	0.0101	EEGB1A154FGE		3.000 x 3.125	22.32	25.67	0.0059	0.0053	EEGB1C334HGE
180000	2.000 x 3.625	14.11	16.23	0.0098	0.0089	EEGB1A184FHE	390000	2.500 x 5.125	23.08	26.54	0.0055	0.0050	EEGB1C394GNE
220000	2.000 x 4.125	15.53	17.86	0.0086	0.0077	EEGB1A224FKE		3.000 x 3.625	23.79	27.36	0.0055	0.0050	EEGB1C394HHE
270000	2.000 x 5.125	17.54	20.17	0.0076	0.0068	EEGB1A274FNE	470000	2.500 x 5.625	24.46	28.13	0.0051	0.0046	EEGB1C474GPE
	2.500 x 3.125	17.74	20.40	0.0076	0.0068	EEGB1A274GGE		3.000 x 4.125	25.25	29.04	0.0051	0.0046	EEGB1C474HKE
330000	2.000 x 5.625	19.00	21.85	0.0067	0.0061	EEGB1A334FPE	510000	3.000 x 4.625	26.29	30.23	0.0050	0.0045	EEGB1C514HLE
	2.500 x 3.625	19.36	22.26	0.0067	0.0061	EEGB1A334GHE	560000	3.000 x 5.125	27.32	31.42	0.0048	0.0043	EEGB1C564HNE
390000	2.500 x 4.125	20.76	23.87	0.0062	0.0056	EEGB1A394GKE	620000	3.000 x 6.625	28.36	32.61	0.0047	0.0042	EEGB1C624HPE
	3.000 x 3.125	21.95	25.24	0.0062	0.0056	EEGB1A394HGE	1000000	3.000 x 8.625	34.01	39.11	0.0041	0.0037	EEGB1C105HWE
470000	2.500 x 4.625	22.29	25.63	0.0056	0.0051	EEGB1A474GLE	25 VDC Working, 32 VDC Surge						
	3.000 x 3.625	23.58	27.12	0.0056	0.0051	EEGB1A474HHE	18000	1.375 x 1.625	4.52	5.20	0.0368	0.0313	EEGB1E183CAE
510000	2.500 x 5.125	23.27	26.76	0.0054	0.0049	EEGB1A514GNE	22000	1.375 x 2.125	5.21	5.99	0.0309	0.0263	EEGB1E223CCE
560000	2.500 x 5.625	24.29	27.93	0.0052	0.0047	EEGB1A564GPE	33000	1.375 x 2.625	6.62	7.61	0.0220	0.0187	EEGB1E333CEE
	3.000 x 4.125	25.08	28.84	0.0052	0.0047	EEGB1A564HKE	39000	1.375 x 3.125	7.46	8.58	0.0192	0.0163	EEGB1E393CGE
680000	3.000 x 4.625	26.68	30.68	0.0048	0.0044	EEGB1A684HLE	47000	1.375 x 3.625	8.41	9.67	0.0167	0.0142	EEGB1E473CHE
750000	3.000 x 5.125	27.76	31.92	0.0047	0.0042	EEGB1A754HNE		2.000 x 1.875	8.96	10.30	0.0167	0.0142	EEGB1E473FBE
820000	3.000 x 5.625	28.79	33.11	0.0045	0.0041	EEGB1A824HPE	56000	1.375 x 4.125	9.35	10.75	0.0146	0.0124	EEGB1E563CKE
1200000	3.000 x 8.625	34.30	39.45	0.0041	0.0036	EEGB1A125HWE		2.000 x 2.125	9.78	11.25	0.0146	0.0124	EEGB1E563FCE
16 VDC Working, 20 VDC Surge							68000	1.375 x 4.625	10.43	11.99	0.0128	0.0109	EEGB1E683CLE
22000	1.375 x 1.625	4.47	5.14	0.0435	0.0392	EEGB1C223CAE		2.000 x 2.625	11.08	12.74	0.0128	0.0109	EEGB1E683FEE
33000	1.375 x 2.125	5.65	6.50	0.0301	0.0271	EEGB1C333CCE	75000	1.375 x 5.125	11.17	12.85	0.0120	0.0102	EEGB1E393CNE
47000	1.375 x 2.625	6.99	8.04	0.0221	0.0199	EEGB1C473CEE	82000	1.375 x 5.625	11.88	13.66	0.0113	0.0096	EEGB1E823CPE
56000	1.375 x 3.125	7.89	9.07	0.0191	0.0172	EEGB1C563CGE	100000	2.000 x 3.125	13.18	15.16	0.0100	0.0085	EEGB1E104FGE
	2.000 x 1.875	8.81	10.13	0.0191	0.0172	EEGB1C563FBE	120000	2.000 x 3.625	14.49	16.66	0.0090	0.0077	EEGB1E124FHE
68000	1.375 x 3.625	8.91	10.25	0.0163	0.0146	EEGB1C683CHE		2.500 x 3.125	16.11	18.53	0.0090	0.0077	EEGB1E124GGE
75000	2.000 x 2.125	10.07	11.58	0.0151	0.0136	EEGB1C753FCE	130000	2.000 x 4.125	15.33	17.63	0.0087	0.0074	EEGB1E134FKE
82000	1.375 x 4.125	9.93	11.42	0.0141	0.0126	EEGB1C823CKE	150000	2.000 x 5.125	16.99	19.54	0.0081	0.0068	EEGB1E154FNE
91000	1.375 x 4.625	10.71	12.32	0.0130	0.0117	EEGB1C913CLE		2.500 x 3.625	17.76	20.42	0.0081	0.0068	EEGB1E154GHE

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	10kHz~	120Hz	20kHz				120Hz	20kHz			
25 VDC Working, 32 VDC Surge (continued)							50 VDC Working, 63 VDC Surge (continued)						
180000	2.000 x 5.625	18.32	21.07	0.0074	0.0063	EEGB1E184FPE	330000	3.000 x 8.625	31.19	35.87	0.0040	0.0034	EEGB1H334HWE
	2.500 x 4.125	19.19	22.07	0.0074	0.0063	EEGB1E184GKE	63 VDC Working, 79 VDC Surge						
220000	2.500 x 4.625	20.74	23.85	0.0068	0.0058	EEGB1E224GLE	5600	1.375 x 1.625	3.80	4.37	0.0658	0.0559	EEGB1J562CAE
	3.000 x 3.125	21.25	24.44	0.0068	0.0058	EEGB1E224HGE	8200	1.375 x 2.125	4.76	5.47	0.0449	0.0382	EEGB1J822CCE
270000	2.500 x 5.125	22.24	25.58	0.0063	0.0054	EEGB1E274GNE	10000	1.375 x 2.625	5.54	6.37	0.0368	0.0313	EEGB1J103CEE
	3.000 x 3.625	22.89	26.32	0.0063	0.0054	EEGB1E274HNE	12000	1.375 x 3.125	6.29	7.23	0.0307	0.0261	EEGB1J123CGE
330000	2.500 x 5.625	23.68	27.23	0.0059	0.0050	EEGB1E334GPE	15000	1.375 x 3.625	7.22	8.30	0.0246	0.0209	EEGB1J153CHE
	3.000 x 4.125	24.42	28.08	0.0059	0.0050	EEGB1E334HKE		2.000 x 1.875	7.69	8.84	0.0295	0.0251	EEGB1J153FBE
390000	3.000 x 4.625	25.81	29.68	0.0056	0.0048	EEGB1E394HLE	18000	1.375 x 4.125	8.08	9.29	0.0205	0.0174	EEGB1J183CKE
430000	3.000 x 5.125	26.84	30.87	0.0055	0.0047	EEGB1E434HNE		2.000 x 2.125	8.44	9.71	0.0246	0.0209	EEGB1J183FCE
470000	3.000 x 5.625	27.82	31.99	0.0054	0.0046	EEGB1E474HPE	22000	1.375 x 4.625	9.07	10.43	0.0167	0.0142	EEGB1J223CLE
750000	3.000 x 8.625	33.26	38.25	0.0049	0.0042	EEGB1E754HWE		2.000 x 2.625	9.62	11.06	0.0201	0.0171	EEGB1J223FEE
35 VDC Working, 44 VDC Surge							80 VDC Working, 100 VDC Surge						
12000	1.375 x 1.625	4.36	5.01	0.0491	0.0418	EEGB1V123CAE	27000	1.375 x 5.125	10.12	11.64	0.0164	0.0139	EEGB1J273CNE
18000	1.375 x 2.125	5.51	6.34	0.0337	0.0287	EEGB1V183CCE	30000	1.375 x 5.625	10.83	12.45	0.0147	0.0125	EEGB1J303CPE
22000	1.375 x 2.625	6.41	7.37	0.0281	0.0239	EEGB1V223CCE	33000	2.000 x 3.125	11.61	13.35	0.0134	0.0114	EEGB1J333FGE
27000	1.375 x 3.125	7.33	8.43	0.0235	0.0200	EEGB1V273CGE	39000	2.000 x 3.625	12.75	14.66	0.0117	0.0099	EEGB1J393FHE
33000	1.375 x 3.625	8.32	9.57	0.0197	0.0168	EEGB1V333CHE	47000	2.000 x 4.125	13.96	16.05	0.0101	0.0086	EEGB1J473FKE
	2.000 x 1.875	8.76	10.07	0.0197	0.0168	EEGB1V333FBE		2.500 x 3.125	14.99	17.24	0.0101	0.0086	EEGB1J473GGE
39000	1.375 x 4.125	9.23	10.61	0.0172	0.0146	EEGB1V393CCE	56000	2.000 x 5.125	15.63	17.97	0.0089	0.0075	EEGB1J563FNE
	2.000 x 2.125	9.54	10.97	0.0172	0.0146	EEGB1V393FCE		2.500 x 3.625	16.32	18.77	0.0089	0.0075	EEGB1J563GHE
47000	1.375 x 4.625	10.29	11.83	0.0147	0.0125	EEGB1V473CLE	68000	2.000 x 5.625	16.92	19.46	0.0077	0.0066	EEGB1J683FPE
	2.000 x 2.625	10.79	12.41	0.0147	0.0125	EEGB1V473FCE		2.500 x 4.125	17.70	20.36	0.0077	0.0066	EEGB1J683GKE
51000	1.375 x 5.125	10.95	12.59	0.0138	0.0117	EEGB1V513CNE	82000	2.500 x 4.625	19.09	21.95	0.0068	0.0058	EEGB1J823GLE
56000	1.375 x 5.625	11.68	13.43	0.0129	0.0109	EEGB1V563CPE		3.000 x 3.125	19.53	22.46	0.0068	0.0058	EEGB1J823HGE
68000	2.000 x 3.125	12.80	14.72	0.0111	0.0094	EEGB1V683FGE	91000	3.000 x 3.625	20.62	23.71	0.0064	0.0054	EEGB1J913HHE
82000	2.000 x 3.625	14.12	16.24	0.0097	0.0083	EEGB1V823FHE	100000	2.500 x 5.125	20.48	23.55	0.0060	0.0051	EEGB1J104GNE
100000	2.000 x 4.125	15.47	17.79	0.0085	0.0072	EEGB1V104FKE		3.000 x 4.125	21.61	24.85	0.0060	0.0051	EEGB1J104HKE
	2.500 x 3.125	16.64	19.14	0.0085	0.0072	EEGB1V104GGE	110000	2.500 x 5.625	21.40	24.61	0.0057	0.0048	EEGB1J114GPE
120000	2.000 x 5.125	17.31	19.91	0.0076	0.0064	EEGB1V124FNE	120000	3.000 x 4.625	23.02	26.47	0.0054	0.0046	EEGB1J124HLE
	2.500 x 3.625	18.10	20.82	0.0076	0.0064	EEGB1V124GHE	130000	3.000 x 5.125	23.93	27.52	0.0052	0.0044	EEGB1J134HNE
150000	2.000 x 5.625	18.80	21.62	0.0067	0.0057	EEGB1V154FPE	150000	3.000 x 5.625	25.09	28.85	0.0048	0.0041	EEGB1J154HPE
	2.500 x 4.125	19.70	22.66	0.0067	0.0057	EEGB1V154GKE	220000	3.000 x 8.625	30.06	34.57	0.0040	0.0034	EEGB1J224HWE
	3.000 x 3.125	20.80	23.92	0.0067	0.0057	EEGB1V154HGE	100 VDC Working, 125 VDC Surge						
180000	2.500 x 4.625	21.15	24.32	0.0060	0.0051	EEGB1V184GLE	3300	1.375 x 1.625	3.37	3.88	0.1116	0.0893	EEGB1K332CAE
	3.000 x 3.625	22.35	25.70	0.0060	0.0051	EEGB1V184HHE	3900	1.375 x 2.125	3.84	4.42	0.0945	0.0756	EEGB1K392CCE
220000	2.500 x 5.125	22.60	25.99	0.0055	0.0047	EEGB1V224GNE	4700	1.375 x 2.625	4.46	5.13	0.0784	0.0627	EEGB1K472CEE
	3.000 x 4.125	23.89	27.47	0.0055	0.0047	EEGB1V224HKE	6800	1.375 x 3.125	5.54	6.37	0.0542	0.0433	EEGB1K682CGE
270000	2.500 x 5.625	24.03	27.63	0.0050	0.0043	EEGB1V274GPE	8200	1.375 x 3.625	6.30	7.25	0.0449	0.0359	EEGB1K822CHE
	3.000 x 4.625	25.46	29.28	0.0050	0.0043	EEGB1V274HNE		2.000 x 1.875	6.92	7.96	0.0449	0.0359	EEGB1K822FBE
300000	3.000 x 5.125	26.53	30.51	0.0048	0.0041	EEGB1V304HLE	10000	1.375 x 4.125	7.13	8.20	0.0368	0.0295	EEGB1K103CKE
330000	3.000 x 5.625	27.53	31.66	0.0046	0.0039	EEGB1V334HPE	12000	1.375 x 4.625	8.00	9.20	0.0307	0.0246	EEGB1K123CLE
560000	3.000 x 8.625	33.28	38.27	0.0039	0.0034	EEGB1V564HWE		2.000 x 2.125	8.30	9.55	0.0307	0.0246	EEGB1K123FCE
50 VDC Working, 63 VDC Surge							15000	1.375 x 5.125	9.05	10.41	0.0246	0.0196	EEGB1K153CNE
8200	1.375 x 1.625	4.11	4.73	0.0539	0.0458	EEGB1H822CAE		2.000 x 2.625	9.58	11.02	0.0246	0.0196	EEGB1K153FEE
12000	1.375 x 2.125	5.11	5.88	0.0368	0.0313	EEGB1H123CCE	18000	1.375 x 5.625	10.02	11.52	0.0205	0.0164	EEGB1K183CPE
15000	1.375 x 2.625	5.99	6.89	0.0295	0.0251	EEGB1H153CCE		2.000 x 3.125	10.73	12.34	0.0205	0.0164	EEGB1K183FGE
18000	1.375 x 3.125	6.80	7.82	0.0246	0.0209	EEGB1H183CGE	22000	2.000 x 3.625	12.02	13.82	0.0167	0.0134	EEGB1K223FHE
22000	1.375 x 3.625	7.72	8.88	0.0201	0.0171	EEGB1H223CHE	27000	2.000 x 4.125	13.36	15.36	0.0136	0.0109	EEGB1K273FKE
	2.000 x 1.875	8.27	9.51	0.0201	0.0171	EEGB1H223FBE		2.500 x 3.125	13.69	15.74	0.0191	0.0153	EEGB1K273GGE
27000	1.375 x 4.125	8.69	9.99	0.0164	0.0139	EEGB1H273CKE	33000	2.000 x 5.125	15.20	17.48	0.0121	0.0096	EEGB1K333FNE
	2.000 x 2.125	9.13	10.50	0.0164	0.0139	EEGB1H273FCE		2.500 x 3.625	15.14	17.41	0.0156	0.0125	EEGB1K333GHE
33000	1.375 x 4.625	9.73	11.19	0.0134	0.0114	EEGB1H333CLE	39000	2.000 x 5.625	16.46	18.93	0.0110	0.0088	EEGB1K393FPE
	2.000 x 2.625	10.38	11.94	0.0134	0.0114	EEGB1H333FCE		2.500 x 4.125	16.43	18.89	0.0132	0.0106	EEGB1K393GKE
36000	1.375 x 5.125	10.38	11.94	0.0125	0.0106	EEGB1H363CNE	43000	2.500 x 4.625	17.43	20.04	0.0120	0.0096	EEGB1K433GLE
39000	1.375 x 5.625	11.01	12.66	0.0118	0.0100	EEGB1H393CPE	47000	2.500 x 5.125	18.36	21.11	0.0116	0.0093	EEGB1K473GNE
	2.000 x 3.125	11.49	13.21	0.0118	0.0100	EEGB1H393FCE		3.000 x 3.125	18.18	20.91	0.0125	0.0100	EEGB1K473HGE
47000	2.000 x 3.625	12.72	14.63	0.0103	0.0087	EEGB1H473FHE	56000	2.500 x 5.625	19.73	22.69	0.0097	0.0078	EEGB1K563GPE
56000	2.000 x 4.125	13.91	16.00	0.0091	0.0077	EEGB1H563FKE		3.000 x 3.625	19.65	22.60	0.0105	0.0084	EEGB1K563HHE
75000	2.500 x 3.125	16.26	18.70	0.0076	0.0064	EEGB1H753GGE	68000	3.000 x 4.125	21.18	24.36	0.0087	0.0069	EEGB1K683HKE
82000	2.000 x 5.125	16.51	18.99	0.0072	0.0061	EEGB1H823FNE	75000	3.000 x 4.625	22.26	25.60	0.0079	0.0063	EEGB1K753HLE
	2.500 x 3.625	17.23	19.81	0.0072	0.0061	EEGB1H823GHE	82000	3.000 x 5.125	23.25	26.74	0.0072	0.0058	EEGB1K823HNE
91000	2.000 x 5.625	17.43	20.04	0.0068	0.0057	EEGB1H913FPE	91000	3.000 x 5.625	24.30	27.95	0.0073	0.0058	EEGB1K913HPE
100000	2.500 x 4.125	18.65	21.45	0.0064	0.0055	EEGB1H104GKE	150000	3.000 x 8.625	30.30	34.85	0.0041	0.0033	EEGB1K154HWE
	3.000 x 3.125	19.66	22.61	0.0064	0.0055	EEGB1H104HGE	100 VDC Working, 125 VDC Surge						
120000	2.500 x 4.625	20.03	23.03	0.0058	0.0050	EEGB1H124GLE	2200	1.375 x 1.625	2.48	2.85	0.1340	0.1072	EEGB2A222CAE
	3.000 x 3.625	21.13	24.30	0.0058	0.0050	EEGB1H124HHE	3300	1.375 x 2.125	3.18	3.66	0.0893	0.0714	EEGB2A332CCE
130000	2												

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	10kHz~	120Hz	20kHz				120Hz	20kHz	120Hz	20kHz	
100 VDC Working, 125 VDC Surge (continued)							250 VDC Working, 300 VDC Surge (continued)						
10000	1.375 x 5.125 2.000 x 2.625	6.91 7.32	7.95 8.42	0.0295 0.0295	0.0236 0.0236	EEGB2A103CNE EEGB2A103FEE	7500	3.000 x 3.125	9.46	13.24	0.022	0.016	EEGB2E752HGE
12000	1.375 x 5.625 2.000 x 3.125	7.71 8.26	8.87 9.50	0.0246 0.0246	0.0196 0.0196	EEGB2A123CPE EEGB2A123FGE	8200	2.500 x 4.625 3.000 x 3.625	9.72 10.20	13.61 14.28	0.018 0.020	0.013 0.015	EEGB2E822GLE EEGB2E822HHE
15000	2.000 x 3.625	9.43	10.84	0.0196	0.0157	EEGB2A153FHE	9100	2.500 x 5.125	10.52	14.73	0.016	0.012	EEGB2E912GNE
18000	2.000 x 4.125 2.500 x 3.125	10.50 11.61	12.08 13.35	0.0164 0.0205	0.0131 0.0164	EEGB2A183FKE EEGB2A183GGE	10000	2.500 x 5.625 3.000 x 4.125	11.30 11.57	15.82 16.20	0.015 0.016	0.011 0.012	EEGB2E103GPE EEGB2E103HKE
22000	2.000 x 5.125 2.500 x 3.625	12.09 13.00	13.90 14.95	0.0134 0.0167	0.0107 0.0134	EEGB2A223FNE EEGB2A223GHE	12000	3.000 x 4.625	13.03	18.24	0.014	0.010	EEGB2E123HLE
27000	2.000 x 5.625 2.500 x 4.125	13.41 14.46	15.42 16.63	0.0120 0.0136	0.0096 0.0109	EEGB2A273FPE EEGB2A273GKE	13000	3.000 x 5.125	13.89	19.45	0.012	0.009	EEGB2E133HNE
33000	2.500 x 4.625 3.000 x 3.125	16.00 16.84	18.40 19.37	0.0112 0.0156	0.0089 0.0125	EEGB2A333GLE EEGB2A333HGE	15000	3.000 x 5.625	15.27	21.38	0.011	0.008	EEGB2E153HPE
39000	2.500 x 5.125 3.000 x 3.625	17.38 18.37	19.99 21.13	0.0094 0.0132	0.0076 0.0106	EEGB2A393GNE EEGB2A393HHE	22000	3.000 x 8.625	21.00	29.40	0.008	0.006	EEGB2E223HWE
47000	2.500 x 5.625 3.000 x 4.125	18.89 20.01	21.72 23.01	0.0078 0.0110	0.0063 0.0088	EEGB2A473GPE EEGB2A473HKE	300 VDC Working, 350 VDC Surge						
52000	3.000 x 4.625	21.20	24.38	0.0099	0.0079	EEGB2A523HLE	390	1.375 x 1.625	1.11	1.55	0.378	0.283	EEGB2U391CAE
56000	3.000 x 5.125	22.18	25.51	0.0092	0.0074	EEGB2A563HPE	470	1.375 x 2.125	1.29	1.81	0.314	0.235	EEGB2U471CCE
68000	3.000 x 5.625	23.93	27.52	0.0076	0.0061	EEGB2A683HNE	680	1.375 x 2.625	1.65	2.31	0.217	0.163	EEGB2U681CEE
100000	3.000 x 8.625	29.74	34.20	0.0041	0.0033	EEGB2A104HWE	820	1.375 x 3.125	1.90	2.66	0.180	0.135	EEGB2U821CGE
200 VDC Working, 250 VDC Surge							1000	1.375 x 3.625 2.000 x 1.875	2.19 2.32	3.07 3.25	0.147 0.111	0.111	EEGB2U102CHE EEGB2U102FBE
820	1.375 x 1.625	1.55	2.17	0.180	0.135	EEGB2D821CAE	1200	1.375 x 4.125 2.000 x 2.125	2.50 2.59	3.50 3.63	0.123 0.123	0.092	EEGB2U122CKE EEGB2U122FCE
1000	1.375 x 2.125	1.81	2.53	0.147	0.111	EEGB2D102CCE	1500	1.375 x 4.625 2.000 x 2.625	2.90 3.06	4.06 4.28	0.098 0.098	0.074	EEGB2U152CLE EEGB2U152FEE
1500	1.375 x 2.625	2.36	3.30	0.098	0.074	EEGB2D152CCE	1600	1.375 x 5.125	3.09	4.33	0.092	0.069	EEGB2U162CNE
1800	1.375 x 3.125	2.71	3.79	0.082	0.061	EEGB2D182CCE	1800	1.375 x 5.625	3.38	4.73	0.082	0.061	EEGB2U182CPE
2200	1.375 x 3.625 2.000 x 1.875	3.13 3.33	4.38 4.66	0.067 0.067	0.050 0.050	EEGB2D222CHE EEGB2D222FBE	2200	2.000 x 3.125	3.86	5.40	0.067	0.050	EEGB2U222FGE
2700	1.375 x 4.125 2.000 x 2.125	3.61 3.76	5.05 5.26	0.055 0.055	0.041 0.041	EEGB2D272CKE EEGB2D272FCE	2700	2.000 x 3.625	4.44	6.22	0.055	0.041	EEGB2U272FHE
3000	1.375 x 4.625	3.95	5.53	0.049	0.037	EEGB2D302CLE	3300	2.000 x 4.125 2.500 x 3.125	5.07 5.61	7.10 7.85	0.045 0.045	0.033	EEGB2U332FKE EEGB2U332GGE
3300	1.375 x 5.125 2.000 x 2.625	4.28 4.38	5.99 6.13	0.045 0.045	0.033 0.033	EEGB2D332CNE EEGB2D332FCE	3900	2.000 x 5.125 2.500 x 3.625	5.87 6.32	8.22 8.85	0.038 0.038	0.028	EEGB2U392FNE EEGB2U392GHE
3900	1.375 x 5.625	4.80	6.72	0.038	0.028	EEGB2D392CPE	4700	2.000 x 5.625 2.500 x 4.125	6.62 7.14	9.27 10.00	0.031 0.031	0.024	EEGB2U472FPE EEGB2U472GKE
4700	2.000 x 3.125	5.45	7.63	0.031	0.024	EEGB2D472FGE	5100	3.000 x 3.125	7.80	10.92	0.032	0.024	EEGB2U512HGE
5100	2.000 x 3.625	5.90	8.26	0.029	0.022	EEGB2D512FHE	5600	2.500 x 4.625	8.04	11.26	0.026	0.020	EEGB2U562GLE
5600	2.000 x 4.125	6.39	8.95	0.026	0.020	EEGB2D562FKE	6200	2.500 x 5.125 3.000 x 3.625	8.68 8.87	12.15 12.42	0.024 0.026	0.018	EEGB2U622GNE EEGB2U622HNE
6800	2.000 x 5.125 2.500 x 3.125	7.49 7.79	10.49 10.91	0.022 0.022	0.016 0.016	EEGB2D682FNE EEGB2D682GGE	6800	2.500 x 5.625 3.000 x 4.125	9.32 9.54	13.05 13.36	0.022 0.024	0.016	EEGB2U682GPE EEGB2U682HKE
8200	2.000 x 5.625 2.500 x 3.625	8.45 8.85	11.83 12.39	0.018 0.018	0.013 0.013	EEGB2D822FHE EEGB2D822GHE	8200	3.000 x 4.625	10.77	15.08	0.020	0.015	EEGB2U822HLE
10000	2.500 x 4.125 3.000 x 3.125	10.06 10.57	14.08 14.80	0.015 0.016	0.011 0.012	EEGB2D103GKE EEGB2D103HGE	9100	3.000 x 5.125	11.62	16.27	0.018	0.013	EEGB2U912HNE
12000	2.500 x 4.625 3.000 x 3.625	11.36 11.94	15.90 16.72	0.012 0.014	0.009 0.010	EEGB2D123GLE EEGB2D123HHE	10000	3.000 x 5.625	12.47	17.46	0.016	0.012	EEGB2U103HPE
13000	2.500 x 5.125	12.14	17.00	0.011	0.009	EEGB2D133GNE	18000	3.000 x 8.625	18.99	26.59	0.010	0.007	EEGB2U183HWE
15000	2.500 x 5.625 3.000 x 4.125	13.38 13.72	18.73 19.21	0.010 0.011	0.007 0.008	EEGB2D153GPE EEGB2D153HKE	350 VDC Working, 400 VDC Surge						
18000	3.000 x 4.625	15.45	21.63	0.009	0.007	EEGB2D183HLE	330	1.375 x 1.625	0.99	1.39	0.447	0.313	EEGB2V331CAE
20000	3.000 x 5.125	16.68	23.35	0.008	0.006	EEGB2D203HNE	390	1.375 x 2.125	1.13	1.58	0.378	0.264	EEGB2V391CCE
22000	3.000 x 5.625	17.90	25.06	0.007	0.006	EEGB2D223HPE	560	1.375 x 2.625	1.44	2.02	0.263	0.184	EEGB2V561CEE
33000	3.000 x 8.625	24.90	34.86	0.005	0.004	EEGB2D333HWE	680	1.375 x 3.125	1.67	2.34	0.217	0.152	EEGB2V681CGE
250 VDC Working, 300 VDC Surge							820	1.375 x 3.625 2.000 x 1.875	1.91 2.10	2.67 2.94	0.180 0.180	0.126	EEGB2V821CHE EEGB2V821FBE
560	1.375 x 1.625	1.39	1.95	0.263	0.197	EEGB2E561CAE	1000	1.375 x 4.125 2.000 x 2.125	2.19 2.37	3.07 3.32	0.147 0.147	0.103	EEGB2V102CKE EEGB2V102FCE
820	1.375 x 2.125	1.77	2.48	0.180	0.135	EEGB2E821CCE	1200	1.375 x 4.625 2.000 x 2.625	2.50 2.73	3.50 3.82	0.123 0.123	0.086	EEGB2V122CLE EEGB2V122FEE
1000	1.375 x 2.625	2.08	2.91	0.147	0.111	EEGB2E102CCE	1300	1.375 x 5.125	2.69	3.77	0.113	0.079	EEGB2V132CNE
1200	1.375 x 3.125	2.39	3.35	0.123	0.092	EEGB2E122CCE	1500	1.375 x 5.625 2.000 x 3.125	2.98 3.19	4.17 4.47	0.098 0.098	0.069	EEGB2V152CPE EEGB2V152FGE
1500	1.375 x 3.625 2.000 x 1.875	2.80 2.95	3.92 4.13	0.098 0.098	0.074 0.074	EEGB2E152CHE EEGB2E152FBE	1800	2.000 x 3.625	3.63	5.08	0.082	0.057	EEGB2V182FHE
1800	1.375 x 4.125 2.000 x 2.125	3.18 3.30	4.45 4.62	0.082 0.082	0.061 0.061	EEGB2E182CKE EEGB2E182FCE	2200	2.000 x 4.125	4.14	5.80	0.067	0.047	EEGB2V222FKE
2200	1.375 x 4.625 2.000 x 2.625	3.65 3.84	5.11 5.38	0.067 0.067	0.050 0.050	EEGB2E222CLE EEGB2E222FEE	2700	2.000 x 5.125 2.500 x 3.125	4.89 4.91	6.85 6.87	0.055 0.055	0.038	EEGB2V272FNE EEGB2V272GGE
2400	1.375 x 5.125	3.94	5.52	0.061	0.046	EEGB2E242CNE	3300	2.000 x 5.625 2.500 x 3.625	5.55 5.61	7.77 7.85	0.045 0.045	0.031	EEGB2V332FPE EEGB2V332GHE
2700	1.375 x 5.625 2.000 x 3.125	4.31 4.44	6.03 6.22	0.055 0.055	0.041 0.041	EEGB2E272CPE EEGB2E272FGE	3900	2.500 x 4.125 3.000 x 3.125	6.29 6.82	8.81 9.55	0.038 0.042	0.026	EEGB2V392GKE EEGB2V392HGE
3300	2.000 x 3.625	5.09	7.13	0.045	0.033	EEGB2E332FHE	4700	2.500 x 4.625 3.000 x 3.625	7.11 7.72	9.95 10.81	0.031 0.034	0.022	EEGB2V472GLE EEGB2V472HNE
3900	2.000 x 4.125	5.72	8.01	0.038	0.028	EEGB2E392FKE	5100	2.500 x 5.125	7.61	10.65	0.029	0.020	EEGB2V512GNE
4700	2.000 x 5.125 2.500 x 3.125	6.69 6.70	9.37 9.38	0.031 0.031	0.024 0.024	EEGB2E472FNE EEGB2E472GGE	5600	2.500 x 5.625 3.000 x 4.125	8.17 8.66	11.44 12.12	0.026 0.029	0.018	EEGB2V562GPE EEGB2V562HKE
5600	2.000 x 5.625 2.500 x 3.625	7.50 7.57	10.50 10.60	0.026 0.026	0.020 0.020	EEGB2E562FPE EEGB2E562GHE	6800	3.000 x 4.625	9.81	13.73	0.024	0.017	EEGB2V682HLE
6800	2.500 x 4.125	8.59	12.03	0.022	0.016	EEGB2E682GKE	7500	3.000 x 5.125	10.55	14.77	0.022	0.015	EEGB2V752HNE
							8200	3.000 x 5.625	11.29	15.81	0.020	0.014	EEGB2V822HPE
							12000	3.000 x 8.625	15.51	21.71	0.015	0.010	EEGB2V123HWE

Aluminum Electroly

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
		120Hz	10kHz~	120Hz	20kHz	
400 VDC Working, 450 VDC Surge						
270	1.375 x 1.625	0.97	1.36	0.546	0.355	EEGB2G271CAE
330	1.375 x 2.125	1.13	1.58	0.447	0.290	EEGB2G331CCE
390	1.375 x 2.625	1.31	1.83	0.378	0.246	EEGB2G391CEE
560	1.375 x 3.125	1.65	2.31	0.263	0.171	EEGB2G561CGE
	2.000 x 1.875	1.82	2.55	0.263	0.171	EEGB2G561FBE
680	1.375 x 3.625	1.90	2.66	0.217	0.141	EEGB2G681CHE
	2.000 x 2.125	2.04	2.86	0.217	0.141	EEGB2G681FCE
820	1.375 x 4.125	2.17	3.04	0.180	0.117	EEGB2G821CKE
910	1.375 x 4.625	2.38	3.33	0.162	0.105	EEGB2G911CLE
1000	1.375 x 5.125	2.57	3.60	0.147	0.096	EEGB2G102CNE
	2.000 x 2.625	2.61	3.65	0.147	0.096	EEGB2G102FEE
1200	1.375 x 5.625	2.91	4.07	0.123	0.080	EEGB2G122CPE
	2.000 x 3.125	2.98	4.17	0.123	0.080	EEGB2G122FGE
1500	2.000 x 3.625	3.46	4.84	0.098	0.064	EEGB2G152FHE
1800	2.000 x 4.125	3.92	5.49	0.082	0.053	EEGB2G182FKE
2200	2.000 x 5.125	4.61	6.45	0.067	0.044	EEGB2G222FNE
	2.500 x 3.125	4.61	6.45	0.067	0.044	EEGB2G222GGE
2700	2.000 x 5.625	5.25	7.35	0.055	0.035	EEGB2G272FPE
	2.500 x 3.625	5.28	7.39	0.055	0.035	EEGB2G272GHE
3300	2.500 x 4.125	6.01	8.41	0.045	0.029	EEGB2G332GKE
	3.000 x 3.125	6.29	8.81	0.049	0.032	EEGB2G332HGE
3600	2.500 x 4.625	6.47	9.06	0.041	0.027	EEGB2G362GLE
3900	2.500 x 5.125	6.92	9.69	0.038	0.025	EEGB2G392GNE
	3.000 x 3.625	7.05	9.87	0.042	0.027	EEGB2G392HHE
4700	2.500 x 5.625	7.79	10.91	0.031	0.020	EEGB2G472GPE
	3.000 x 4.125	7.95	11.13	0.034	0.022	EEGB2G472HKE
5200	3.000 x 4.625	8.59	12.03	0.031	0.020	EEGB2G522HLE
5600	3.000 x 5.125	9.14	12.80	0.029	0.019	EEGB2G562HNE
6800	3.000 x 5.625	10.30	14.42	0.024	0.015	EEGB2G682HPE
10000	3.000 x 8.625	14.19	19.87	0.018	0.011	EEGB2G103HWE
450 VDC Working, 500 VDC Surge						
220	1.375 x 1.625	0.88	1.23	0.670	0.435	EEGB2W221CAE
270	1.375 x 2.125	1.03	1.44	0.546	0.355	EEGB2W271CCE
330	1.375 x 2.625	1.21	1.69	0.447	0.290	EEGB2W331CEE
470	1.375 x 3.125	1.51	2.11	0.314	0.204	EEGB2W471CGE
	2.000 x 1.875	1.67	2.34	0.314	0.204	EEGB2W471FBE
560	1.375 x 3.625	1.73	2.42	0.263	0.171	EEGB2W561CHE
	2.000 x 2.125	1.85	2.59	0.263	0.171	EEGB2W561FCE
680	1.375 x 4.125	1.98	2.77	0.217	0.141	EEGB2W681CKE
750	1.375 x 4.625	2.16	3.02	0.196	0.128	EEGB2W751CLE
820	1.375 x 5.125	2.33	3.26	0.180	0.117	EEGB2W821CNE
	2.000 x 2.625	2.36	3.30	0.180	0.117	EEGB2W821FEE
1000	1.375 x 5.625	2.65	3.71	0.147	0.096	EEGB2W102CPE
	2.000 x 3.125	2.72	3.81	0.147	0.096	EEGB2W102FGE
1200	2.000 x 3.625	3.10	4.34	0.123	0.080	EEGB2W122FHE
1500	2.000 x 4.125	3.58	5.01	0.098	0.064	EEGB2W152FKE
	2.500 x 3.125	3.80	5.32	0.098	0.064	EEGB2W152GGE
1800	2.000 x 5.125	4.17	5.84	0.082	0.053	EEGB2W182FNE
	2.500 x 3.625	4.31	6.03	0.082	0.053	EEGB2W182GHE
2200	2.000 x 5.625	4.74	6.64	0.067	0.044	EEGB2W222FPE
	2.500 x 4.125	4.91	6.87	0.067	0.044	EEGB2W222GKE
2700	2.500 x 4.625	5.61	7.85	0.055	0.035	EEGB2W272GLE
	3.000 x 3.125	5.69	7.97	0.060	0.039	EEGB2W272HGE
3300	2.500 x 5.125	6.36	8.90	0.045	0.029	EEGB2W332GNE
	3.000 x 3.625	6.48	9.07	0.049	0.032	EEGB2W332HHE
3900	2.500 x 5.625	7.09	9.93	0.038	0.025	EEGB2W392GPE
	3.000 x 4.125	7.24	10.14	0.042	0.027	EEGB2W392HKE
4300	3.000 x 4.625	7.82	10.95	0.038	0.025	EEGB2W432HLE
4700	3.000 x 5.125	8.37	11.72	0.034	0.022	EEGB2W472HNE
5600	3.000 x 5.625	9.35	13.09	0.029	0.019	EEGB2W562HPE
9100	3.000 x 8.625	13.54	18.96	0.019	0.013	EEGB2W912HWE