

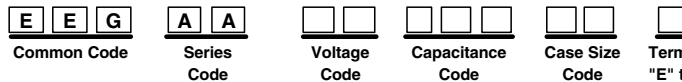
G-AA Series screw terminal style

- General purpose for industrial applications
- High ripple current with 3000 hour life
- High CV designs
- Customized designs available



Rated Working Voltage:	16 ~ 500 VDC
Operating Temperature:	-40 ~ +85°C
Nominal Capacitance:	150 ~ 1200000µF
Capacitance Tolerance:	± 20%
Endurance:	3000 hours at +85°C with maximum specified ripple current (see page 4)

Part Number System



"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-AA Typical Ratings

Cap. (µF)	Nominal Size D x L (inches)	Max 85°C R.C. (A _{rms})		20°C ESR (Ω, max.)		Panasonic Part Number	Cap. (µF)	Nominal Size D x L (inches)	Max 85°C R.C. (A _{rms})		20°C ESR (Ω, max.)		Panasonic Part Number
		120Hz	10k~100kHz	120Hz	20kHz				120Hz	10k~100kHz	120Hz	20kHz	
16 VDC Working, 20 VDC Surge							20 VDC Working, 24 VDC Surge						
33000	1.375 x 1.625	5.16	5.93	0.0313	0.0281	EEGAA1C333CAE	27000	1.375 x 1.625	4.95	5.69	0.0327	0.0295	EEGAA1D273CAE
39000	1.375 x 2.125	5.86	6.74	0.0269	0.0242	EEGAA1C393CCE	33000	1.375 x 2.125	5.72	6.58	0.0274	0.0246	EEGAA1D333CCE
56000	1.375 x 2.625	7.30	8.40	0.0196	0.0177	EEGAA1C563CEE	47000	1.375 x 2.625	7.12	8.19	0.0202	0.0181	EEGAA1D473CEE
68000	1.375 x 3.125	8.31	9.56	0.0167	0.0150	EEGAA1C683CGE	56000	1.375 x 3.125	8.05	9.26	0.0174	0.0157	EEGAA1D563CGE
82000	1.375 x 3.625	9.37	10.78	0.0143	0.0129	EEGAA1C823CHE	68000	1.375 x 3.625	9.12	10.49	0.0149	0.0134	EEGAA1D683CHE
100000	1.375 x 4.125	10.51	12.09	0.0123	0.0110	EEGAA1C104CKE	82000	1.375 x 4.125	10.21	11.74	0.0129	0.0116	EEGAA1D823CKE
120000	1.375 x 4.625	11.67	13.42	0.0107	0.0096	EEGAA1C124CLE	100000	1.375 x 4.625	11.45	13.17	0.0112	0.0100	EEGAA1D104CLE
130000	1.375 x 5.125	12.41	14.27	0.0101	0.0091	EEGAA1C134CNE	110000	1.375 x 5.125	12.25	14.09	0.0104	0.0094	EEGAA1D114CNE
150000	1.375 x 5.625	13.44	15.46	0.0091	0.0082	EEGAA1C154CPE	120000	1.375 x 5.625	13.04	15.00	0.0098	0.0088	EEGAA1D124CPE
82000	2.000 x 1.875	10.01	11.51	0.0143	0.0129	EEGAA1C823FBE	68000	2.000 x 1.875	9.75	11.21	0.0149	0.0134	EEGAA1D683FBE
100000	2.000 x 2.125	11.01	12.66	0.0123	0.0110	EEGAA1C104FCE	82000	2.000 x 2.125	10.70	12.31	0.0129	0.0116	EEGAA1D823FCE
120000	2.000 x 2.625	12.41	14.27	0.0107	0.0096	EEGAA1C124FEE	100000	2.000 x 2.625	12.17	14.00	0.0112	0.0100	EEGAA1D104FEE
150000	2.000 x 3.125	13.98	16.08	0.0091	0.0082	EEGAA1C154FGE	120000	2.000 x 3.125	13.57	15.61	0.0098	0.0088	EEGAA1D124FGE
180000	2.000 x 3.625	15.42	17.73	0.0081	0.0073	EEGAA1C184FHE	150000	2.000 x 3.625	15.22	17.50	0.0085	0.0077	EEGAA1D154FHE
220000	2.000 x 4.125	16.93	19.47	0.0072	0.0064	EEGAA1C224FKE	180000	2.000 x 4.125	16.68	19.18	0.0076	0.0069	EEGAA1D184FKE
270000	2.000 x 5.125	19.08	21.94	0.0052	0.0047	EEGAA1C274FNE	220000	2.000 x 5.125	18.86	21.69	0.0068	0.0061	EEGAA1D224FNE
330000	2.000 x 5.625	20.63	23.72	0.0070	0.0063	EEGAA1C334FPE	270000	2.000 x 5.625	20.50	23.58	0.0061	0.0055	EEGAA1D274FPE
270000	2.500 x 3.125	19.31	22.21	0.0064	0.0057	EEGAA1C274GGE	220000	2.500 x 3.125	19.08	21.94	0.0068	0.0061	EEGAA1D224GGE
330000	2.500 x 3.625	21.02	24.17	0.0057	0.0052	EEGAA1C334GHE	270000	2.500 x 3.625	20.89	24.02	0.0061	0.0055	EEGAA1D274GHE
390000	2.500 x 4.125	22.50	25.88	0.0053	0.0048	EEGAA1C394GKE	330000	2.500 x 4.125	22.62	26.01	0.0056	0.0050	EEGAA1D334GKE
470000	2.500 x 4.625	24.11	27.73	0.0049	0.0044	EEGAA1C474GLE	390000	2.500 x 4.625	24.21	27.84	0.0052	0.0047	EEGAA1D394GLE
500000	2.500 x 5.125	25.05	28.81	0.0048	0.0043	EEGAA1C504GNE	430000	2.500 x 5.125	25.38	29.19	0.0050	0.0045	EEGAA1D434GNE
560000	2.500 x 5.625	26.23	30.16	0.0046	0.0041	EEGAA1C564GPE	470000	2.500 x 5.625	26.49	30.46	0.0049	0.0044	EEGAA1D474GPE
390000	3.000 x 3.125	23.79	27.36	0.0053	0.0048	EEGAA1C394HGE	330000	3.000 x 3.125	23.92	27.51	0.0056	0.0050	EEGAA1D334HGE
470000	3.000 x 3.625	25.51	29.34	0.0049	0.0044	EEGAA1C474HHE	390000	3.000 x 3.625	25.62	29.46	0.0052	0.0047	EEGAA1D394HHE
560000	3.000 x 4.125	27.08	31.14	0.0046	0.0041	EEGAA1C564HKE	470000	3.000 x 4.125	27.34	31.44	0.0049	0.0044	EEGAA1D474HKE
680000	3.000 x 4.625	28.74	33.05	0.0043	0.0039	EEGAA1C684HLE	560000	3.000 x 4.625	29.03	33.38	0.0046	0.0041	EEGAA1D564HLE
750000	3.000 x 5.125	29.88	34.36	0.0042	0.0037	EEGAA1C754HNE	620000	3.000 x 5.125	30.25	34.79	0.0045	0.0040	EEGAA1D624HNE
820000	3.000 x 5.625	30.97	35.62	0.0040	0.0036	EEGAA1C824HPE	680000	3.000 x 5.625	31.41	36.12	0.0044	0.0039	EEGAA1D684HPE
1200000	3.000 x 8.625	36.78	42.30	0.0037	0.0033	EEGAA1C125HWE	1000000	3.000 x 8.625	37.54	43.17	0.0040	0.0036	EEGAA1D105HWE

G-AA Typical Ratings (continued)

Cap. (μ F)	Nominal Size D x L (inches)	Max 85°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number	Cap. (μ F)	Nominal Size D x L (inches)	Max 85°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						
22000	1.375 x 1.625	4.93	5.67	0.0234	0.0199	EEGAA1E223CAE	15000	1.375 x 1.625	4.12	4.74	0.0344	0.0292	EEGAA1V153CAE
27000	1.375 x 2.125	5.70	6.56	0.0196	0.0167	EEGAA1E273CCE	18000	1.375 x 2.125	4.73	5.44	0.0289	0.0246	EEGAA1V183CCE
39000	1.375 x 2.625	7.16	8.23	0.0144	0.0123	EEGAA1E393CEE	22000	1.375 x 2.625	5.53	6.36	0.0239	0.0203	EEGAA1V223CEE
47000	1.375 x 3.125	8.15	9.37	0.0124	0.0106	EEGAA1E473CGE	33000	1.375 x 3.125	6.99	8.04	0.0164	0.0140	EEGAA1V333CGE
56000	1.375 x 3.625	9.17	10.55	0.0109	0.0092	EEGAA1E563CHE	39000	1.375 x 3.625	7.87	9.05	0.0141	0.0120	EEGAA1V393CHE
68000	1.375 x 4.125	10.31	11.86	0.0094	0.0080	EEGAA1E683CKE	47000	1.375 x 4.125	8.86	10.19	0.0120	0.0102	EEGAA1V473CKE
82000	1.375 x 4.625	11.53	13.26	0.0083	0.0070	EEGAA1E823CLE	56000	1.375 x 4.625	9.91	11.40	0.0103	0.0088	EEGAA1V563CLE
91000	1.375 x 5.125	12.39	14.25	0.0077	0.0066	EEGAA1E913CNE	62000	1.375 x 5.125	10.68	12.28	0.0094	0.0080	EEGAA1V623CNE
100000	1.375 x 5.625	13.23	15.21	0.0073	0.0062	EEGAA1E104CPE	68000	1.375 x 5.625	11.43	13.14	0.0087	0.0074	EEGAA1V683CPE
56000	2.000 x 1.875	9.78	11.25	0.0109	0.0092	EEGAA1E563FBE	33000	2.000 x 1.875	7.70	8.86	0.0164	0.0140	EEGAA1V333FBE
68000	2.000 x 2.125	10.79	12.41	0.0094	0.0080	EEGAA1E683FCE	47000	2.000 x 2.125	9.16	10.53	0.0120	0.0102	EEGAA1V473FCE
82000	2.000 x 2.625	12.24	14.08	0.0083	0.0070	EEGAA1E823FEE	56000	2.000 x 2.625	10.39	11.95	0.0103	0.0088	EEGAA1V563FEE
100000	2.000 x 3.125	13.75	15.81	0.0073	0.0062	EEGAA1E104FGE	68000	2.000 x 3.125	11.73	13.49	0.0087	0.0074	EEGAA1V683FGE
120000	2.000 x 3.625	15.24	17.53	0.0065	0.0056	EEGAA1E124FHE	82000	2.000 x 3.625	13.12	15.09	0.0075	0.0064	EEGAA1V823FHE
150000	2.000 x 4.125	16.98	19.53	0.0058	0.0049	EEGAA1E154FKE	100000	2.000 x 4.125	14.61	16.80	0.0064	0.0055	EEGAA1V104FKE
180000	2.000 x 5.125	19.13	22.00	0.0053	0.0045	EEGAA1E184FNE	120000	2.000 x 5.125	16.60	19.09	0.0056	0.0048	EEGAA1V124FNE
220000	2.000 x 5.625	20.84	23.97	0.0048	0.0041	EEGAA1E224FPE	150000	2.000 x 5.625	18.40	21.16	0.0048	0.0041	EEGAA1V154FPE
180000	2.500 x 3.125	19.33	22.23	0.0053	0.0045	EEGAA1E184GGE	120000	2.500 x 3.125	16.78	19.30	0.0056	0.0048	EEGAA1V124GGE
220000	2.500 x 3.625	21.20	24.38	0.0048	0.0041	EEGAA1E224GHE	150000	2.500 x 3.625	18.72	21.53	0.0048	0.0041	EEGAA1V154GHE
270000	2.500 x 4.125	23.05	26.51	0.0044	0.0038	EEGAA1E274GKE	180000	2.500 x 4.125	20.42	23.48	0.0042	0.0036	EEGAA1V184GKE
310000	2.500 x 4.625	24.57	28.26	0.0042	0.0036	EEGAA1E314GLE	200000	2.500 x 4.625	21.71	24.97	0.0040	0.0034	EEGAA1V204GLE
330000	2.500 x 5.125	25.60	29.44	0.0041	0.0035	EEGAA1E334GNE	220000	2.500 x 5.125	22.91	26.35	0.0037	0.0032	EEGAA1V224GNE
390000	2.500 x 5.625	27.21	31.29	0.0039	0.0033	EEGAA1E394GPE	270000	2.500 x 5.625	24.81	28.53	0.0033	0.0028	EEGAA1V274GPE
270000	3.000 x 3.125	24.34	27.99	0.0044	0.0038	EEGAA1E274HGE	180000	3.000 x 3.125	21.56	24.79	0.0042	0.0036	EEGAA1V184HGE
330000	3.000 x 3.625	26.34	30.29	0.0041	0.0035	EEGAA1E334HHE	220000	3.000 x 3.625	23.57	27.11	0.0037	0.0032	EEGAA1V224HHE
390000	3.000 x 4.125	28.06	32.27	0.0039	0.0033	EEGAA1E394HKE	250000	3.000 x 4.125	25.07	28.83	0.0035	0.0029	EEGAA1V254HKE
470000	3.000 x 4.625	29.91	34.40	0.0037	0.0032	EEGAA1E474HLE	270000	3.000 x 4.625	26.29	30.23	0.0033	0.0028	EEGAA1V274HLE
520000	3.000 x 5.125	31.20	35.88	0.0036	0.0031	EEGAA1E524HNE	330000	3.000 x 5.125	28.27	32.51	0.0030	0.0025	EEGAA1V334HNE
560000	3.000 x 5.625	32.33	37.18	0.0036	0.0030	EEGAA1E564HPE	360000	3.000 x 5.625	29.50	33.93	0.0029	0.0024	EEGAA1V364HPE
910000	3.000 x 8.625	39.28	45.17	0.0032	0.0028	EEGAA1E914HWE	560000	3.000 x 8.625	36.46	41.93	0.0024	0.0020	EEGAA1V564HWE
50 VDC Working, 63 VDC Surge							63 VDC Working, 79 VDC Surge						
8200	1.375 x 1.625	3.36	3.86	0.0539	0.0458	EEGAA1H822CAE	6800	1.375 x 1.625	3.35	3.85	0.0542	0.0461	EEGAA1J682CAE
10000	1.375 x 2.125	3.86	4.44	0.0442	0.0376	EEGAA1H103CCE	8200	1.375 x 2.125	3.85	4.43	0.0449	0.0382	EEGAA1J822CCE
15000	1.375 x 2.625	4.97	5.72	0.0295	0.0251	EEGAA1H153CEE	12000	1.375 x 2.625	4.90	5.64	0.0307	0.0261	EEGAA1J123CEE
18000	1.375 x 3.125	5.68	6.53	0.0246	0.0209	EEGAA1H183CGE	15000	1.375 x 3.125	5.70	6.56	0.0246	0.0209	EEGAA1J153CGE
22000	1.375 x 3.625	6.50	7.48	0.0201	0.0171	EEGAA1H223CHE	18000	1.375 x 3.625	6.47	7.44	0.0205	0.0174	EEGAA1J183CHE
27000	1.375 x 4.125	7.38	8.49	0.0164	0.0139	EEGAA1H273CKE	22000	1.375 x 4.125	7.33	8.43	0.0167	0.0142	EEGAA1J223CKE
33000	1.375 x 4.625	8.36	9.61	0.0134	0.0114	EEGAA1H333CLE	24000	1.375 x 4.625	7.91	9.10	0.0154	0.0130	EEGAA1J243CLE
36000	1.375 x 5.125	8.96	10.30	0.0125	0.0106	EEGAA1H363CNE	27000	1.375 x 5.125	8.59	9.88	0.0164	0.0139	EEGAA1J273CNE
39000	1.375 x 5.625	9.55	10.98	0.0117	0.0099	EEGAA1H393CPE	33000	1.375 x 5.625	9.62	11.06	0.0134	0.0114	EEGAA1J333CPE
22000	2.000 x 1.875	6.96	8.00	0.0201	0.0171	EEGAA1H223FBE	15000	2.000 x 1.875	6.34	7.29	0.0295	0.0251	EEGAA1J153FBE
27000	2.000 x 2.125	7.76	8.92	0.0164	0.0139	EEGAA1H273FCE	18000	2.000 x 2.125	7.01	8.06	0.0246	0.0209	EEGAA1J183FCE
33000	2.000 x 2.625	8.92	10.26	0.0134	0.0114	EEGAA1H333FEE	22000	2.000 x 2.625	8.07	9.28	0.0201	0.0171	EEGAA1J223FEE
39000	2.000 x 3.125	9.97	11.47	0.0117	0.0099	EEGAA1H393FGE	33000	2.000 x 3.125	9.97	11.47	0.0134	0.0114	EEGAA1J333FGE
47000	2.000 x 3.625	11.17	12.85	0.0101	0.0086	EEGAA1H473FHE	39000	2.000 x 3.625	11.07	12.73	0.0116	0.0099	EEGAA1J393FHE
56000	2.000 x 4.125	12.36	14.21	0.0088	0.0075	EEGAA1H563FKE	47000	2.000 x 4.125	12.29	14.13	0.0100	0.0085	EEGAA1J473FKE
68000	2.000 x 5.125	14.15	16.27	0.0077	0.0065	EEGAA1H683FNE	56000	2.000 x 5.125	13.94	16.03	0.0087	0.0074	EEGAA1J563FNE
82000	2.000 x 5.625	15.54	17.87	0.0067	0.0057	EEGAA1H823FPE	68000	2.000 x 5.625	15.33	17.63	0.0075	0.0063	EEGAA1J683FPE
68000	2.500 x 3.125	14.27	16.41	0.0077	0.0065	EEGAA1H683GGE	56000	2.500 x 3.125	14.06	16.17	0.0087	0.0074	EEGAA1J563GGE
82000	2.500 x 3.625	15.78	18.15	0.0067	0.0057	EEGAA1H823GHE	68000	2.500 x 3.625	15.57	17.91	0.0075	0.0063	EEGAA1J683GHE
100000	2.500 x 4.125	17.37	19.98	0.0059	0.0051	EEGAA1H104GKE	82000	2.500 x 4.125	17.04	19.60	0.0065	0.0055	EEGAA1J823GKE
120000	2.500 x 4.625	18.96	21.80	0.0053	0.0045	EEGAA1H124GLE	100000	2.500 x 4.625	18.65	21.45	0.0057	0.0048	EEGAA1J104GLE
140000	2.500 x 5.125	20.36	23.41	0.0049	0.0042	EEGAA1H144GNE	110000	2.500 x 5.125	19.68	22.63	0.0053	0.0045	EEGAA1J114GNE
150000	2.500 x 5.625	21.28	24.47	0.0047	0.0040	EEGAA1H154GPE	120000	2.500 x 5.625	20.67	23.77	0.0050	0.0043	EEGAA1J124GPE
100000	3.000 x 3.125	18.31	21.06	0.0059	0.0051	EEGAA1H104HGE	82000	3.000 x 3.125	17.96	20.65	0.0065	0.0055	EEGAA1J823HGE
120000	3.000 x 3.625	20.00	23.00	0.0053	0.0045	EEGAA1H124HHE	100000	3.000 x 3.625	19.68	22.63	0.0057	0.0048	EEGAA1J104HHE
150000	3.000 x 4.125	21.91	25.20	0.0047	0.0040	EEGAA1H154HKE	120000	3.000 x 4.125	21.27	24.46	0.0050	0.0043	EEGAA1J124HKE
180000	3.000 x 4.625	23.63	27.17	0.0043	0.0037	EEGAA1H184HLE	130000	3.000 x 4.625	22.33	25.68	0.0048	0.0041	EEGAA1J134HLE
200000	3.000 x 5.125	24.84	28.57	0.0041	0.0035	EEGAA1H204HNE	150000	3.000 x 5.125	23.71	27.27	0.0044	0.0037	EEGAA1J154HNE
220000	3.000 x 5.625	25.99	29.89	0.0039	0.0033	EEGAA1H224HPE	180000	3.000 x 5.625	25.31	29.11	0.0040	0.0034	EEGAA1J184HPE
390000	3.000 x 8.625	32.95	37.89	0.0032	0.0027	EEGAA1H394HWE	270000	3.000 x 8.625	31.09	35.75	0.0033	0.0028	EEGAA1J274HWE

G-AA Typical Ratings (continued)

Cap. (μ F)	Nominal Size D x L (inches)	Max 85°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number	Cap. (μ F)	Nominal Size D x L (inches)	Max 85°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number
		120Hz	10k~100kHz	120Hz	20kHz				120Hz	20kHz	120Hz	20kHz	
80 VDC Working, 100 VDC Surge							100 VDC Working, 125 VDC Surge						
3900	1.375 x 1.625	2.83	3.25	0.0945	0.0756	EEGAA1K392CAE	2700	1.375 x 1.625	2.22	2.55	0.1092	0.0873	EEGAA2A272CAE
5600	1.375 x 2.125	3.56	4.09	0.0658	0.0526	EEGAA1K562CCE	3300	1.375 x 2.125	2.58	2.97	0.0893	0.0714	EEGAA2A332CCE
6800	1.375 x 2.625	4.17	4.80	0.0542	0.0433	EEGAA1K682CEE	4700	1.375 x 2.625	3.27	3.76	0.0627	0.0502	EEGAA2A472CEE
10000	1.375 x 3.125	5.26	6.05	0.0368	0.0295	EEGAA1K103CGE	5600	1.375 x 3.125	3.74	4.30	0.0526	0.0421	EEGAA2A562CGE
12000	1.375 x 3.625	5.99	6.89	0.0307	0.0246	EEGAA1K123CHE	6800	1.375 x 3.625	4.29	4.93	0.0433	0.0347	EEGAA2A682CHE
13000	1.375 x 4.125	6.46	7.43	0.0283	0.0227	EEGAA1K133CKE	8200	1.375 x 4.125	4.88	5.61	0.0359	0.0288	EEGAA2A822CKE
15000	1.375 x 4.625	7.17	8.25	0.0246	0.0196	EEGAA1K153CLE	10000	1.375 x 4.625	5.58	6.42	0.0295	0.0236	EEGAA2A103CLE
18000	1.375 x 5.125	8.05	9.26	0.0205	0.0164	EEGAA1K183CNE	12000	1.375 x 5.125	6.29	7.23	0.0246	0.0196	EEGAA2A123CNE
22000	1.375 x 5.625	9.08	10.44	0.0167	0.0134	EEGAA1K223CPE	13000	1.375 x 5.625	6.74	7.75	0.0227	0.0181	EEGAA2A133CPE
10000	2.000 x 1.875	6.04	6.95	0.0368	0.0295	EEGAA1K103FBE	6800	2.000 x 1.875	4.72	5.43	0.0433	0.0347	EEGAA2A682FBE
12000	2.000 x 2.125	6.71	7.72	0.0307	0.0246	EEGAA1K123FCE	8200	2.000 x 2.125	5.27	6.06	0.0359	0.0288	EEGAA2A822FCE
15000	2.000 x 2.625	7.84	9.02	0.0246	0.0196	EEGAA1K153FEE	10000	2.000 x 2.625	6.11	7.03	0.0295	0.0236	EEGAA2A103FEE
22000	2.000 x 3.125	9.72	11.18	0.0167	0.0134	EEGAA1K223FGE	15000	2.000 x 3.125	7.72	8.88	0.0196	0.0157	EEGAA2A153FGE
27000	2.000 x 3.625	11.05	12.71	0.0136	0.0109	EEGAA1K273FHE	18000	2.000 x 3.625	8.73	10.04	0.0164	0.0131	EEGAA2A183FHE
33000	2.000 x 4.125	12.44	14.31	0.0112	0.0089	EEGAA1K333FKE	22000	2.000 x 4.125	9.90	11.39	0.0134	0.0107	EEGAA2A223FKE
39000	2.000 x 4.625	14.18	16.31	0.0102	0.0082	EEGAA1K393FNE	27000	2.000 x 5.125	11.56	13.29	0.0109	0.0087	EEGAA2A273FNE
47000	2.000 x 5.625	15.71	18.07	0.0091	0.0073	EEGAA1K473FPE	33000	2.000 x 5.625	12.98	14.93	0.0098	0.0079	EEGAA2A333FPE
39000	2.500 x 3.125	13.65	15.70	0.0132	0.0106	EEGAA1K393GGE	22000	2.500 x 3.125	10.95	12.59	0.0167	0.0134	EEGAA2A223GGE
47000	2.500 x 3.625	15.22	17.50	0.0110	0.0088	EEGAA1K473GHE	27000	2.500 x 3.625	12.43	14.29	0.0136	0.0109	EEGAA2A273GHE
51000	2.500 x 4.125	16.19	18.62	0.0101	0.0081	EEGAA1K513GKE	33000	2.500 x 4.125	14.00	16.10	0.0112	0.0089	EEGAA2A333GKE
56000	2.500 x 4.625	17.29	19.88	0.0092	0.0074	EEGAA1K563GLE	39000	2.500 x 4.625	15.51	17.84	0.0094	0.0076	EEGAA2A393GLE
68000	2.500 x 5.125	19.07	21.93	0.0080	0.0064	EEGAA1K683GNE	44000	2.500 x 5.125	16.76	19.27	0.0084	0.0067	EEGAA2A443GNE
82000	2.500 x 5.625	20.87	24.00	0.0066	0.0053	EEGAA1K823GPE	47000	2.500 x 5.625	17.66	20.31	0.0078	0.0063	EEGAA2A473GPE
56000	3.000 x 3.125	17.58	20.22	0.0105	0.0084	EEGAA1K563HGE	33000	3.000 x 3.125	15.18	17.46	0.0156	0.0125	EEGAA2A333HGE
68000	3.000 x 3.625	19.48	22.40	0.0087	0.0069	EEGAA1K683HHE	39000	3.000 x 3.625	16.83	19.35	0.0132	0.0106	EEGAA2A393HHE
75000	3.000 x 4.125	20.71	23.82	0.0079	0.0063	EEGAA1K753HKE	47000	3.000 x 4.125	18.71	21.52	0.0110	0.0088	EEGAA2A473HKE
82000	3.000 x 4.625	21.95	25.24	0.0072	0.0058	EEGAA1K823HLE	56000	3.000 x 4.625	20.66	23.76	0.0092	0.0074	EEGAA2A563HLE
100000	3.000 x 5.125	24.00	27.60	0.0059	0.0047	EEGAA1K104HNE	62000	3.000 x 5.125	22.05	25.36	0.0083	0.0067	EEGAA2A623HNE
110000	3.000 x 5.625	25.30	29.10	0.0060	0.0048	EEGAA1K114HPE	72000	3.000 x 5.625	23.91	27.50	0.0072	0.0057	EEGAA2A723HPE
180000	3.000 x 8.625	32.90	37.84	0.0041	0.0033	EEGAA1K184HWE	120000	3.000 x 8.625	32.58	37.47	0.0049	0.0039	EEGAA2A124HWE
200 VDC Working, 250 VDC Surge							250 VDC Working, 300 VDC Surge						
820	1.375 x 1.625	2.69	3.77	0.270	0.202	EEGAA2D821CAE	560	1.375 x 1.625	2.40	3.36	0.395	0.296	EEGAA2E561CAE
1200	1.375 x 2.125	3.41	4.77	0.184	0.138	EEGAA2D122CCE	820	1.375 x 2.125	3.05	4.27	0.270	0.202	EEGAA2E821CCE
1500	1.375 x 2.625	4.05	5.67	0.147	0.111	EEGAA2D152CEE	1200	1.375 x 2.625	3.92	5.49	0.184	0.138	EEGAA2E122CEE
1800	1.375 x 3.125	4.65	6.51	0.123	0.092	EEGAA2D182CGE	1500	1.375 x 3.125	4.58	6.41	0.147	0.111	EEGAA2E182CGE
2200	1.375 x 3.625	5.35	7.49	0.100	0.075	EEGAA2D222CHE	1800	1.375 x 3.625	5.23	7.32	0.123	0.092	EEGAA2E222CHE
2700	1.375 x 4.125	6.12	8.57	0.082	0.061	EEGAA2D272CKE	2200	1.375 x 4.125	5.98	8.37	0.100	0.075	EEGAA2E272CKE
3300	1.375 x 4.625	6.98	9.77	0.067	0.050	EEGAA2D332CLE	2500	1.375 x 4.625	6.80	9.24	0.088	0.066	EEGAA2E252CLE
3900	1.375 x 5.125	7.80	10.92	0.057	0.043	EEGAA2D392CNE	2700	1.375 x 5.125	7.07	9.90	0.082	0.061	EEGAA2E272CNE
4700	1.375 x 5.625	8.75	12.25	0.047	0.035	EEGAA2D472CPE	3300	1.375 x 5.625	8.01	11.21	0.067	0.050	EEGAA2E332CPE
1800	2.000 x 1.875	5.16	7.22	0.123	0.092	EEGAA2D182FBE	1500	2.000 x 1.875	5.06	7.08	0.147	0.111	EEGAA2E152FBE
2700	2.000 x 2.125	6.38	8.93	0.082	0.061	EEGAA2D272FCE	1800	2.000 x 2.125	5.63	7.88	0.123	0.092	EEGAA2E182FCE
3300	2.000 x 2.625	7.38	10.33	0.067	0.050	EEGAA2D332FEE	2200	2.000 x 2.625	6.53	9.14	0.100	0.075	EEGAA2E222FEE
3900	2.000 x 3.125	8.32	11.65	0.057	0.043	EEGAA2D392FGE	3300	2.000 x 3.125	8.24	11.54	0.067	0.050	EEGAA2E332FGE
5600	2.000 x 3.625	10.18	14.25	0.039	0.030	EEGAA2D562FHE	3900	2.000 x 3.625	9.25	12.95	0.057	0.043	EEGAA2E392FHE
6200	2.000 x 4.125	11.00	15.40	0.036	0.027	EEGAA2D622FKE	4700	2.000 x 4.125	10.41	14.57	0.047	0.035	EEGAA2E472FKE
8200	2.000 x 5.125	13.21	18.49	0.027	0.020	EEGAA2D822FNE	6800	2.000 x 5.125	13.04	18.26	0.033	0.024	EEGAA2E682FNE
10000	2.000 x 5.625	14.74	20.64	0.022	0.017	EEGAA2D103FPE	8200	2.000 x 5.625	14.52	20.33	0.027	0.020	EEGAA2E822FPE
5600	2.500 x 3.125	11.64	16.30	0.039	0.030	EEGAA2D562GGE	5600	2.500 x 3.125	12.00	16.80	0.039	0.030	EEGAA2E562GGE
8200	2.500 x 3.625	14.21	19.89	0.027	0.020	EEGAA2D822GHE	6800	2.500 x 3.625	13.52	18.93	0.033	0.024	EEGAA2E682GHE
10000	2.500 x 4.125	15.89	22.25	0.022	0.017	EEGAA2D103GKE	8200	2.500 x 4.125	15.08	21.11	0.027	0.020	EEGAA2E822GKE
12000	2.500 x 4.625	17.62	24.67	0.018	0.014	EEGAA2D123GLE	10000	2.500 x 4.625	16.88	23.63	0.022	0.017	EEGAA2E103GLE
15000	2.500 x 5.125	19.71	27.59	0.015	0.011	EEGAA2D153GNE	12000	2.500 x 5.125	18.64	26.10	0.018	0.014	EEGAA2E123GNE
17000	2.500 x 5.625	21.17	29.64	0.013	0.010	EEGAA2D173GPE	13000	2.500 x 5.625	19.71	27.59	0.017	0.013	EEGAA2E133GPE
10000	3.000 x 3.125	16.69	23.37	0.022	0.017	EEGAA2D103HGE	8200	3.000 x 3.125	15.81	22.13	0.027	0.020	EEGAA2E822HGE
12000	3.000 x 3.625	18.52	25.93	0.018	0.014	EEGAA2D123HHE	10000	3.000 x 3.625	17.70	24.78	0.022	0.017	EEGAA2E103HHE
15000	3.000 x 4.125	20.73	29.02	0.015	0.011	EEGAA2D153HKE	12000	3.000 x 4.125	19.56	27.38	0.018	0.014	EEGAA2E123HKE
18000	3.000 x 4.625	22.78	31.89	0.012	0.009	EEGAA2D183HLE	15000	3.000 x 4.625	21.89	30.65	0.015	0.011	EEGAA2E153HLE
21000	3.000 x 5.125	24.62	34.47	0.011	0.008	EEGAA2D213HNE	17000	3.000 x 5.125	23.48	32.87	0.013	0.010	EEGAA2E173HNE
22000	3.000 x 5.625	25.59	35.83	0.010	0.008	EEGAA2D223HPE	18000	3.000 x 5.625	24.52	34.33	0.012	0.009	EEGAA2E183HPE
37000	3.000 x 8.625	34.04	47.66	0.008	0.006	EEGAA2D373HWE	27000	3.000 x 8.625	31.85	44.59	0.010	0.007	EEGAA2E273HWE

G-AA Typical Ratings (continued)

Cap. (μ F)	Nominal Size D x L (inches)	Max 85°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number	Cap. (μ F)	Nominal Size D x L (inches)	Max 85°C R.C. (A_{rms})		20°C ESR (Ω , max.)		Panasonic Part Number
		120Hz	10k~100kHz	120Hz	20kHz				120Hz	20kHz			
350 VDC Working, 400 VDC Surge							400 VDC Working, 450 VDC Surge						
330	1.375 x 1.625	1.71	2.39	0.536	0.402	EEGAA2V331CAE	270	1.375 x 1.625	1.74	2.44	0.655	0.458	EEGAA2G271CAE
470	1.375 x 2.125	2.15	3.01	0.376	0.282	EEGAA2V471CCE	390	1.375 x 2.125	2.21	3.09	0.453	0.317	EEGAA2G391CCE
560	1.375 x 2.625	2.49	3.49	0.316	0.237	EEGAA2V561CEE	470	1.375 x 2.625	2.58	3.61	0.376	0.263	EEGAA2G471CEE
680	1.375 x 3.125	2.89	4.05	0.260	0.195	EEGAA2V681CGE	560	1.375 x 3.125	2.96	4.14	0.316	0.221	EEGAA2G561CGE
820	1.375 x 3.625	3.31	4.63	0.216	0.162	EEGAA2V821CHE	680	1.375 x 3.625	3.41	4.77	0.260	0.182	EEGAA2G681CHE
1000	1.375 x 4.125	3.80	5.32	0.177	0.133	EEGAA2V102CKE	820	1.375 x 4.125	3.88	5.43	0.216	0.151	EEGAA2G821CKE
1200	1.375 x 4.625	4.33	6.06	0.147	0.111	EEGAA2V122CLE	1000	1.375 x 4.625	4.46	6.24	0.177	0.124	EEGAA2G102CLE
1500	1.375 x 5.125	5.00	7.00	0.118	0.088	EEGAA2V152CNE	1200	1.375 x 5.125	5.04	7.06	0.147	0.103	EEGAA2G122CNE
1800	1.375 x 5.625	5.64	7.90	0.098	0.074	EEGAA2V182CPE	1300	1.375 x 5.625	5.41	7.57	0.136	0.095	EEGAA2G132CPE
820	2.000 x 1.875	3.64	5.10	0.216	0.162	EEGAA2V821FBE	680	2.000 x 1.875	3.58	5.01	0.260	0.182	EEGAA2G681FBE
1000	2.000 x 2.125	4.10	5.74	0.177	0.133	EEGAA2V102FCE	820	2.000 x 2.125	4.01	5.61	0.216	0.151	EEGAA2G821FCE
1200	2.000 x 2.625	4.73	6.62	0.147	0.111	EEGAA2V122FEE	1000	2.000 x 2.625	4.67	6.54	0.177	0.124	EEGAA2G102FEE
1800	2.000 x 3.125	6.04	8.46	0.098	0.074	EEGAA2V182FGE	1500	2.000 x 3.125	5.96	8.34	0.118	0.083	EEGAA2G152FGE
2200	2.000 x 3.625	6.94	9.72	0.080	0.060	EEGAA2V222FHE	1800	2.000 x 3.625	6.78	9.49	0.098	0.069	EEGAA2G182FHE
2700	2.000 x 4.125	7.95	11.13	0.065	0.049	EEGAA2V272FKE	2200	2.000 x 4.125	7.75	10.85	0.080	0.056	EEGAA2G222FKE
3300	2.000 x 5.125	9.35	13.09	0.054	0.040	EEGAA2V332FNE	2700	2.000 x 5.125	9.14	12.80	0.065	0.046	EEGAA2G272FNE
3900	2.000 x 5.625	10.45	14.63	0.045	0.034	EEGAA2V392FPE	3300	2.000 x 5.625	10.38	14.53	0.054	0.038	EEGAA2G332FPE
2700	2.500 x 3.125	8.50	11.90	0.065	0.049	EEGAA2V272GGE	2200	2.500 x 3.125	8.24	11.54	0.080	0.056	EEGAA2G222GGE
3300	2.500 x 3.625	9.72	13.61	0.054	0.040	EEGAA2V332GHE	2700	2.500 x 3.625	9.45	13.23	0.065	0.046	EEGAA2G272GHE
3900	2.500 x 4.125	10.89	15.25	0.045	0.034	EEGAA2V392GKE	3300	2.500 x 4.125	10.76	15.06	0.054	0.038	EEGAA2G332GKE
4700	2.500 x 4.625	12.32	17.25	0.038	0.028	EEGAA2V472GLE	3900	2.500 x 4.625	12.05	16.87	0.045	0.032	EEGAA2G392GLE
5600	2.500 x 5.125	13.81	19.33	0.032	0.024	EEGAA2V562GNE	4700	2.500 x 5.125	13.59	19.03	0.038	0.026	EEGAA2G472GNE
6200	2.500 x 5.625	14.89	20.85	0.029	0.021	EEGAA2V622GPE	5100	2.500 x 5.625	14.51	20.31	0.035	0.024	EEGAA2G512GPE
4700	3.000 x 3.125	12.96	18.14	0.038	0.028	EEGAA2V472HGE	3900	3.000 x 3.125	12.22	17.11	0.045	0.032	EEGAA2G392HGE
5600	3.000 x 3.625	14.60	20.44	0.032	0.024	EEGAA2V562HHE	4300	3.000 x 3.625	13.24	18.54	0.041	0.029	EEGAA2G432HHE
6200	3.000 x 4.125	15.78	22.09	0.029	0.021	EEGAA2V622HKE	4700	3.000 x 4.125	14.22	19.91	0.038	0.026	EEGAA2G472HKE
6800	3.000 x 4.625	16.98	23.77	0.026	0.020	EEGAA2V682HLE	5600	3.000 x 4.625	15.95	22.33	0.032	0.022	EEGAA2G562HLE
8200	3.000 x 5.125	19.11	26.75	0.022	0.016	EEGAA2V822HNE	6800	3.000 x 5.125	18.01	25.21	0.026	0.018	EEGAA2G682HNE
9100	3.000 x 5.625	20.60	28.84	0.019	0.015	EEGAA2V912HPE	7500	3.000 x 5.625	19.36	27.10	0.024	0.017	EEGAA2G752HPE
15000	3.000 x 8.625	30.03	42.04	0.012	0.009	EEGAA2V153HWE	12000	3.000 x 8.625	27.80	38.92	0.015	0.010	EEGAA2G123HWE
450 VDC Working, 500 VDC Surge							500 VDC Working, 550 VDC Surge						
220	1.375 x 1.625	1.57	2.20	0.804	0.522	EEGAA2W221CAE	150	1.375 x 1.625	1.24	1.74	1.375	0.963	EEGAA2H151CAE
270	1.375 x 2.125	1.83	2.56	0.655	0.426	EEGAA2W271CCE	180	1.375 x 2.125	1.43	2.00	1.146	0.802	EEGAA2H181CCE
390	1.375 x 2.625	2.35	3.29	0.453	0.295	EEGAA2W391CEE	220	1.375 x 2.625	1.69	2.37	0.938	0.656	EEGAA2H221CEE
470	1.375 x 3.125	2.71	3.79	0.376	0.245	EEGAA2W471CGE	330	1.375 x 3.125	2.17	3.04	0.625	0.438	EEGAA2H331CGE
560	1.375 x 3.625	3.09	4.33	0.316	0.205	EEGAA2W561CHE	390	1.375 x 3.625	2.47	3.46	0.529	0.370	EEGAA2H391CHE
680	1.375 x 4.125	3.54	4.96	0.260	0.169	EEGAA2W681CKE	470	1.375 x 4.125	2.81	3.93	0.439	0.307	EEGAA2H471CKE
820	1.375 x 4.625	4.03	5.64	0.216	0.140	EEGAA2W821CLE	560	1.375 x 4.625	3.18	4.45	0.368	0.258	EEGAA2H561CLE
1000	1.375 x 5.125	4.60	6.44	0.177	0.115	EEGAA2W102CNE	680	1.375 x 5.125	3.62	5.07	0.303	0.212	EEGAA2H681CNE
1100	1.375 x 5.625	4.98	6.97	0.161	0.104	EEGAA2W112CPE	750	1.375 x 5.625	3.92	5.49	0.275	0.193	EEGAA2H751CPE
560	2.000 x 1.875	3.25	4.55	0.316	0.205	EEGAA2W561FBE	390	2.000 x 1.875	2.71	3.79	0.529	0.370	EEGAA2H391FBE
680	2.000 x 2.125	3.65	5.11	0.260	0.169	EEGAA2W681FCE	470	2.000 x 2.125	3.03	4.24	0.439	0.307	EEGAA2H471FCE
820	2.000 x 2.625	4.23	5.92	0.216	0.140	EEGAA2W821FEE	560	2.000 x 2.625	3.48	4.87	0.368	0.258	EEGAA2H561FEE
1000	2.000 x 3.125	4.87	6.82	0.177	0.115	EEGAA2W102FGE	820	2.000 x 3.125	4.39	6.15	0.252	0.176	EEGAA2H821FGE
1200	2.000 x 3.625	5.54	7.76	0.147	0.096	EEGAA2W122FHE	1000	2.000 x 3.625	5.03	7.04	0.206	0.144	EEGAA2H102FHE
1500	2.000 x 4.125	6.40	8.96	0.118	0.077	EEGAA2W152FKE	1200	2.000 x 4.125	6.35	8.89	0.172	0.120	EEGAA2H122FKE
2200	2.000 x 5.125	8.25	11.55	0.080	0.052	EEGAA2W222FNE	1500	2.000 x 5.125	6.76	9.46	0.138	0.096	EEGAA2H152FNE
2700	2.000 x 5.625	9.39	13.15	0.065	0.043	EEGAA2W272FPE	1800	2.000 x 5.625	7.59	10.63	0.115	0.080	EEGAA2H182FPE
1800	2.500 x 3.125	7.45	10.43	0.098	0.064	EEGAA2W182GGE	1200	2.500 x 3.125	6.29	8.81	0.172	0.120	EEGAA2H122GGE
2200	2.500 x 3.625	8.53	11.94	0.080	0.052	EEGAA2W222GHE	1500	2.500 x 3.625	7.27	10.18	0.138	0.096	EEGAA2H152GHE
2700	2.500 x 4.125	9.73	13.62	0.065	0.043	EEGAA2W272GKE	1800	2.500 x 4.125	8.18	11.45	0.115	0.080	EEGAA2H182GKE
3300	2.500 x 4.625	11.09	15.53	0.054	0.035	EEGAA2W332GLE	2200	2.500 x 4.625	9.30	13.02	0.094	0.066	EEGAA2H222GLE
3600	2.500 x 5.125	11.89	16.65	0.049	0.032	EEGAA2W362GNE	2400	2.500 x 5.125	9.96	13.94	0.086	0.060	EEGAA2H242GNE
3900	2.500 x 5.625	12.69	17.77	0.045	0.029	EEGAA2W392GPE	2700	2.500 x 5.625	10.82	15.15	0.076	0.053	EEGAA2H272GPE
2700	3.000 x 3.125	10.17	14.24	0.065	0.043	EEGAA2W272HGE	2000	3.000 x 3.125	8.91	12.47	0.103	0.072	EEGAA2H202HGE
3300	3.000 x 3.625	11.60	16.24	0.054	0.035	EEGAA2W332HHE	2400	3.000 x 3.625	10.04	14.06	0.086	0.060	EEGAA2H242HHE
3900	3.000 x 4.125	12.95	18.13	0.045	0.029	EEGAA2W392HKE	2700	3.000 x 4.125	10.92	15.29	0.076	0.053	EEGAA2H272HKE
4700	3.000 x 4.625	14.62	20.47	0.038	0.024	EEGAA2W472HLE	3300	3.000 x 4.625	12.37	17.32	0.063	0.044	EEGAA2H332HLE
5600	3.000 x 5.125	16.34	22.88	0.032	0.021	EEGAA2W562HNE	3600	3.000 x 5.125	13.21	18.49	0.057	0.040	EEGAA2H362HNE
6200	3.000 x 5.625	17.60	24.64	0.029	0.019	EEGAA2W622HPE	3900	3.000 x 5.625	14.05	19.67	0.053	0.037	EEGAA2H392HPE
10000	3.000 x 8.625	25.38	35.53	0.018	0.011	EEGAA2W103HWE	6800	3.000 x 8.625	20.71	28.99	0.030	0.021	EEGAA2H682HWE