

## Aluminium Electrolytic – Radial — Continued

### NHG Series – 105°C – continued

100 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		H	Dia.				
0.47	9	11	5	0.5	2.0	ECA2AHGR47	319-9022
1.0	14	11	5	0.5	2.0	ECA2AHG010	319-9034
2.2	21	11	5	0.5	2.0	ECA2AHG2R2	319-9046
3.3	31	11	5	0.5	2.0	ECA2AHG3R3	319-9058
4.7	38	11	5	0.5	2.0	ECA2AHG4R7	319-9060
10	54	11.2	6.3	0.5	2.5	ECA2AHG100	319-9071
22	93	11.2	6.3	0.5	2.5	ECA2AHG220	319-9083
33	130	11.5	8	0.6	3.5	ECA2AHG330	335-0769
47	165	12.5	10	0.6	5.0	ECA2AHG470	335-0770
100	265	20	10	0.6	5.0	ECA2AHG101	335-0782
220	440	25	12.5	0.6	5.0	ECA2AHG221	335-0794
330	540	25	16	0.8	7.5	ECA2AHG331	319-9137
470	715	25	16	0.8	7.5	ECA2AHG471	319-9149

#### Order Multiple=5

100 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
0.47	<b>319-9022</b>					
1.0	<b>319-9034</b>					
2.2	<b>319-9046</b>					
3.3	<b>319-9058</b>					
4.7	<b>319-9060</b>					
10	<b>319-9071</b>					
22	<b>319-9083</b>					
33	<b>335-0769</b>					
47	<b>335-0770</b>					
100	<b>335-0782</b>					
220	<b>335-0794</b>					
330	<b>319-9137</b>					
470	<b>319-9149</b>					

160 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		H	W	Dia.	Pitch		
4.7	43	11.2	6.3	0.5	2.5	ECA2CHG4R7	319-9150
10	70	12.5	10	0.6	5.0	ECA2CHG100	319-9162

#### Order Multiple=5

160 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
4.7	<b>319-9150</b>					
10	<b>319-9162</b>					

200 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		H	Dia.	Dia.	Pitch		
3.3	36	11.2	6.3	0.5	2.5	ECA2DHG3R3	319-9174
22	140	20	10	0.6	5.0	ECA2DHG220	319-9186
47	220	20	12.5	0.6	5.0	ECA2DHG470	319-9198
100	335	25	16	0.8	7.5	ECA2DHG101	319-9204

#### Order Multiple=5

200 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
3.3	<b>319-9174</b>					
22	<b>319-9186</b>					
47	<b>319-9198</b>					
100	<b>319-9204</b>					

250 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		H	Dia.	Dia.	Pitch		
1.0	17	11.2	6.3	0.5	2.5	ECA2EHG010	319-9216
2.2	29	11.2	6.3	0.5	2.5	ECA2EHG2R2	319-9228
4.7	50	11.5	8	0.6	3.5	ECA2EHG4R7	319-9230
10	88	16	10	0.6	5.0	ECA2EHG100	319-9241
22	155	20	12.5	0.6	5.0	ECA2EHG220	319-9253
33	190	20	12.5	0.6	5.0	ECA2EHG330	319-9265
47	230	25	12.5	0.6	5.0	ECA2EHG470	319-9277

#### Order Multiple=5

250 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
1.0	<b>319-9216</b>					
2.2	<b>319-9228</b>					
4.7	<b>319-9230</b>					
10	<b>319-9241</b>					
22	<b>319-9253</b>					
33	<b>319-9265</b>					
47	<b>319-9277</b>					

400 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		H	Dia.	Dia.	Pitch		
1.0	18	11.2	6.3	0.5	2.5	ECA2GHG010	319-9289
2.2	30	11.5	8	0.6	3.5	ECA2GHG2R2	319-9290
3.3	40	12.5	10	0.6	3.5	ECA2GHG3R3	319-9307
4.7	50	16	10	0.6	5.0	ECA2GHG4R7	319-9319
10	80	20	10	0.6	5.0	ECA2GHG100	319-9320
22	145	25	12.5	0.6	5.0	ECA2GHG220	319-9332
33	195	25	16	0.8	7.5	ECA2GHG330	319-9344
47	250	31.5	16	0.8	7.5	ECA2GHG470	319-9356

CAP263B

#### Order Multiple=5

400 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
1.0	<b>319-9289</b>					
2.2	<b>319-9290</b>					
3.3	<b>319-9307</b>					
4.7	<b>319-9319</b>					
10	<b>319-9320</b>					
22	<b>319-9332</b>					
33	<b>319-9344</b>					
47	<b>319-9356</b>					

450 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		H	Dia.	Dia.	Pitch		
1.0	18	11.5	8.0	0.6	3.5	ECA2WHG010	319-9368
2.2	29	12.5	10	0.6	5.0	ECA2WHG2R2	319-9370
3.3	41	16	10	0.6	5.0	ECA2WHG3R3	319-9381
4.7	49	20	10	0.6	5.0	ECA2WHG4R7	319-9393
10	75	20	12.5	0.6	5.0	ECA2WHG100	319-9400
22	115	25	16	0.8	7.5	ECA2WHG220	319-9411
33	155	31.5	16	0.8	7.5	ECA2WHG330	319-9423

CAP263C

#### Order Multiple=5

450 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
1.0	<b>319-9368</b>					
2.2	<b>319-9370</b>					
3.3	<b>319-9381</b>					
4.7	<b>319-9393</b>					
10	<b>319-9400</b>					
22	<b>319-9411</b>					
33	<b>319-9423</b>					

### NHE Series – 105°C



### Panasonic

● High temperature radial electrolytic

Operating temperature -55°C to +105°C 6.3 to 100 Volts d.c.  
 -25°C to +105°C 160 to 400 Volts d.c.  
 Tolerance ±20%  
 Leakage current 0.01CV or 3μA 6.3 to 100 Volts d.c.  
 0.06CV +10μA 160 to 400 Volt d.c.  
 Ripple current measured at 120Hz @ 105°C  
 Life time 2000hrs @ 105°C

6.3 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		L	Dia.	Dia.	Pitch		
100	91	11	5	0.5	2	ECEA0JGE101	698-441
330	230	11.2	6.3	0.5	2.5	ECEA0JGE331	698-453
1000	450	12.5	10	0.6	5	ECEA0JGE103	698-465

#### Order Multiple=5

6.3 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
100	<b>698-441†</b>					
330	<b>698-453†</b>					
1000	<b>698-465†</b>					

†Available until stocks are exhausted

10 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		L	Dia.	Dia.	Pitch		
100	110	11	5	0.5	2	ECEA1AGE101	698-477
3300	1080	25	12.5	0.6	5	ECEA1AGE332	698-489
4700	1270	25	16	0.8	7.5	ECEA1AGE472	698-490

#### Order Multiple=5

10 Volt d.c.	Order Code	5+	50+	100+	500+	1000+
100	<b>698-477†</b>					
3300	<b>698-489†</b>					
4700	<b>698-490†</b>					

†Available until stocks are exhausted

16 Volt d.c.	Ripple (mA)	Dimensions		Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
μF		L	Dia.	Dia.	Pitch		
330	260	11.5	8	0.6	3.5	ECEA1CGE331	698-519
1000	600	20	10	0.6	5	ECEA1CGE102	698-532
2200	1010	25	12.5	0.6	5	ECEA1CGE222	698-544
4700	1490	31.5	16	0.8	7.5	ECEA1CGE472	698-556

CAP194