

# Panasonic NHG Series Radial Lead Aluminum Electrolytic Capacitors (Cont.)



F

WV (VDC)	Cap. $\mu$ F	D.C.L. (+20°C) ( $\mu$ A) max.	tan $\delta$ max.	Ripple Current (mA) rms	Dimensions (mm)				Digi-Key Part No.	Pricing			Panasonic Part No.				
					$\phi$ D	L	P	$\phi$ d		1	10	100		500	1,000	5,000	
50	0.1	3.0	0.12	1.1	5	11	2.0	0.5	P5559-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG0R1	
	0.22	3.0	0.12	2.3	5	11	2.0	0.5	P5560-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG2R2	
	0.33	3.0	0.12	3.5	5	11	2.0	0.5	P5561-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG3R3	
	0.47	3.0	0.12	5	5	11	2.0	0.5	P5562-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG4R7	
	1.0	3.0	0.12	10	5	11	2.0	0.5	P5563-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG010	
	2.2	3.0	0.12	18	5	11	2.0	0.5	P5564-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG2R2	
	3.3	3.0	0.12	22	5	11	2.0	0.5	P5565-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG3R3	
	4.7	3.0	0.12	26	5	11	2.0	0.5	P5566-ND†	.17	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG4R7	
	10	5.0	0.12	39	5	11	2.0	0.5	P5567-ND†	.16	.83	5.58	18.91	29.04	23.96/M	ECA-1HHG100	
	22	11.0	0.12	65	5	11	2.0	0.5	P5568-ND†	.13	.70	4.95	17.10	26.86	23.24/M	ECA-1HHG220	
	33	16.5	0.12	90	5	11	2.0	0.5	P5569-ND†	.14	.70	4.95	17.10	26.86	23.24/M	ECA-1HHG330	
	47	23.5	0.12	110	6.3	11.2	2.5	0.5	P5570-ND†	.21	1.11	7.85	27.11	42.83	37.03/M	ECA-1HHG470	
	100	50.0	0.12	180	8	11.5	3.5	0.6	P5571-ND†	.28	1.55	11.11	39.99	62.44	58.08/M	ECA-1HHG101	
	220	110.0	0.12	330	10	12.5	5.0	0.6	P5572-ND†	.36	2.13	15.66	56.65	90.02	86.40/M	ECA-1HHG221	
	330	165.0	0.12	410	10	16	5.0	0.6	P5573-ND†	.41	2.57	18.88	68.32	108.17	104.55/M	ECA-1HHG331	
	470	235.0	0.12	530	10	20	5.0	0.6	P5574-ND†	.51	3.38	24.86	89.92	143.02	137.22/M	ECA-1HHG471	
	1000	500.0	0.12	950	12.5	25	5.0	0.6	P5575-ND†	.86	5.55	41.66	148.10	246.11	236.68/M	ECA-1HHG102	
	2200	1100.0	0.14	1470	16	31.5	7.5	0.8	P5576-ND†	1.26	8.97	67.71	253.90	439.96	426.89/M	ECA-1HHG222	
3300	1650.0	0.16	1770	18	35.5	7.5	0.8	P5577-ND	2.21	13.18	99.45	372.93	646.14	626.54/M	ECA-1HHG332		
63	10	6.3	0.10	46	5	11	2.0	0.5	P5578-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-1JHG100	
	22	13.8	0.10	71	5	11	2.0	0.5	P5579-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-1JHG220	
	33	20.7	0.10	100	6.3	11.2	2.5	0.5	P5580-ND	.23	1.15	8.15	28.14	44.29	38.48/M	ECA-1JHG330	
	47	29.6	0.10	120	6.3	11.2	2.5	0.5	P5581-ND	.18	1.04	7.41	26.66	41.38	38.48/M	ECA-1JHG470	
	100	63.0	0.10	215	10	12.5	5.0	0.6	P5582-ND	.35	2.33	16.66	59.98	93.65	86.40/M	ECA-1JHG101	
	220	138.6	0.10	335	10	16	5.0	0.6	P5583-ND	.50	2.81	20.63	74.61	118.34	113.99/M	ECA-1JHG221	
	330	207.9	0.10	510	10	20	5.0	0.6	P5584-ND	.66	3.72	27.35	98.92	156.82	151.01/M	ECA-1JHG331	
	470	296.1	0.10	640	12.5	20	5.0	0.6	P5585-ND	.83	4.76	35.71	126.96	211.27	203.28/M	ECA-1JHG471	
	1000	630.0	0.10	930	16	25	7.5	0.8	P5586-ND	1.29	7.43	56.06	210.24	364.45	352.84/M	ECA-1JHG102	
	2200	1386.0	0.12	1610	18	35.5	7.5	0.8	P5587-ND	2.53	14.58	110.02	412.57	715.11	693.33/M	ECA-1JHG222	
	100	0.47	3.0	0.08	9	5	11	2.0	0.5	P5588-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-2AHG4R7
		1.0	3.0	0.08	14	5	11	2.0	0.5	P5589-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-2AHG010
2.2		3.0	0.08	21	5	11	2.0	0.5	P5590-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-2AHG2R2	
3.3		3.3	0.08	31	5	11	2.0	0.5	P5591-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-2AHG3R3	
4.7		4.7	0.08	38	5	11	2.0	0.5	P5592-ND	.15	.74	5.23	18.07	28.31	24.69/M	ECA-2AHG4R7	
10		10.0	0.08	54	6.3	11.2	2.5	0.5	P5593-ND	.22	1.15	8.15	28.14	44.29	38.48/M	ECA-2AHG100	
22		22.0	0.08	93	6.3	11.2	2.5	0.5	P5594-ND	.18	1.04	7.41	26.66	41.38	38.48/M	ECA-2AHG220	
33		33.0	0.08	130	8	11.5	3.5	0.6	P5595-ND	.32	1.78	12.69	45.67	71.15	66.07/M	ECA-2AHG330	
47		47.0	0.08	165	10	12.5	5.0	0.6	P5596-ND	.38	2.15	15.34	55.21	85.67	79.86/M	ECA-2AHG470	
100		100.0	0.08	265	10	20	5.0	0.6	P5597-ND	.66	3.72	27.35	98.92	156.82	151.01/M	ECA-2AHG101	
220		220.0	0.08	440	12.5	25	5.0	0.6	P5598-ND	.99	5.65	42.38	150.66	250.47	241.04/M	ECA-2AHG221	
330		330.0	0.08	540	16	25	7.5	0.8	P5599-ND	1.39	7.94	59.51	211.59	352.11	338.32/M	ECA-2AHG331	
470		470.0	0.08	715	16	25	7.5	0.8	P5850-ND	1.47	8.41	63.47	238.00	412.37	400.03/M	ECA-2AHG471	
1000		1000.0	0.08	985	18	35.5	7.5	0.8	P5851-ND	2.53	14.58	110.02	412.57	715.11	693.33/M	ECA-2AHG102	
160		1.0	19.6	0.15	17	6.3	11.2	2.5	0.5	P5852-ND	.25	1.11	7.94	28.55	44.29	41.39/M	ECA-2CHG010
		2.2	31.1	0.15	25	6.3	11.2	2.5	0.5	P5853-ND	.28	1.11	7.94	28.55	44.29	41.39/M	ECA-2CHG2R2
		3.3	41.6	0.15	36	6.3	11.2	2.5	0.5	P5854-ND	.30	1.11	7.94	28.55	44.29	41.39/M	ECA-2CHG3R3
		4.7	55.1	0.15	43	6.3	11.2	2.5	0.5	P5855-ND	.33	1.11	7.94	28.55	44.29	41.39/M	ECA-2CHG4R7
	10	106.0	0.15	70	10	12.5	5.0	0.6	P5856-ND	.38	1.96	14.42	52.15	82.76	79.86/M	ECA-2CHG100	
	22	221.0	0.15	130	10	20	5.0	0.6	P5857-ND	.52	2.64	19.40	70.17	111.08	107.45/M	ECA-2CHG220	
	33	326.0	0.15	180	10	20	5.0	0.6	P5858-ND	.60	2.48	18.57	66.04	109.63	106.00/M	ECA-2CHG330	
	47	461.0	0.15	220	12.5	20	5.0	0.6	P5859-ND	.74	3.49	26.19	93.10	154.64	148.83/M	ECA-2CHG470	
	100	970.0	0.15	335	16	25	7.5	0.8	P5860-ND	1.09	5.71	42.85	152.34	253.37	243.94/M	ECA-2CHG101	
	220	2122.0	0.15	540	16	31.5	7.5	0.8	P5861-ND	1.66	7.85	59.24	222.16	384.78	373.17/M	ECA-2CHG221	
	330	3178.0	0.15	705	18	31.5	7.5	0.8	P5862-ND	2.37	14.02	105.79	396.72	687.52	666.47/M	ECA-2CHG331	
	250	1.0	25.0	0.15	17	6.3	11.2	2.5	0.5	P5863-ND	.29	1.11	7.94	28.55	44.29	41.39/M	ECA-2EHG010
2.2		43.0	0.15	29	6.3	11.2	2.5	0.5	P5864-ND	.30	1.11	7.94	28.55	44.29	41.39/M	ECA-2EHG2R2	
3.3		59.5	0.15	42	8	11.5	3.5	0.6	P5865-ND	.33	1.36	9.95	35.98	57.35	55.18/M	ECA-2EHG3R3	
4.7		80.5	0.15	50	8	11.5	3.5	0.6	P5866-ND	.38	1.52	11.19	40.48	64.61	61.71/M	ECA-2EHG4R7	
10		160.0	0.15	88	10	16	5.0	0.6	P5867-ND	.57	2.57	18.88	68.32	108.17	104.55/M	ECA-2EHG100	
22		340.0	0.15	155	12.5	20	5.0	0.6	P5868-ND	.68	3.65	27.38	97.34	161.90	156.09/M	ECA-2EHG220	
33		505.0	0.15	190	12.5	20	5.0	0.6	P5869-ND	.81	3.96	29.74	105.76	175.69	169.16/M	ECA-2EHG330	
47		715.0	0.15	230	12.5	25	5.0	0.6	P5870-ND	1.05	5.07	38.08	135.38	225.06	216.35/M	ECA-2EHG470	
100		1510.0	0.15	365	16	31.5	7.5	0.8	P5871-ND	1.61	7.85	59.24	222.16	384.78	373.17/M	ECA-2EHG101	
450		1.0	37.0	0.20	18	8	11.5	3.5	0.6	P5872-ND	.41	1.69	12.44	44.99	71.15	68.97/M	ECA-2WHG010
	2.2	69.4	0.20	29	10	12.5	5.0	0.6	P5873-ND	.44	2.03	14.91	53.93	85.67	82.77/M	ECA-2WHG2R2	
	3.3	99.1	0.20	41	10	16	5.0	0.6	P5874-ND	.61	2.64	19.40	70.17	111.08	107.45/M	ECA-2WHG3R3	
	4.7	136.0	0.20	49	10	20	5.0	0.6	P5875-ND	.64	2.70	20.24	71.96	119.79	115.44/M	ECA-2WHG4R7	
	10	280.0	0.20	75	12.5	20	5.0	0.6	P5876-ND	1.09	4.76	35.71	126.96	211.27	203.28/M	ECA-2WHG100	
	22	604.0	0.20	115	16	25	7.5	0.8	P5877-ND	1.45	6.73	50.78	190.42	330.33	320.17/M	ECA-2WHG220	
	33	901.0	0.20	155	16	31.5	7.5	0.8	P5878-ND	1.78	8.41	63.47	238.00	412.37	400.03/M	ECA-2WHG330	