

µF	Ripple (mA)	H	Dimensions		Pitch	Order Code
			Dia.	Dia.		
63 Volt d.c.						
1	12	11	5	0.5	2	945-2001
2.2	20	11	5	0.5	2	945-2010
4.7	30	11	5	0.5	2	945-2028
10	50	11	6.3	0.5	2	945-2036
22	85	11	6.3	0.5	2.5	945-2044
33	105	11	6.3	0.5	2.5	945-2052
47	146	11	8	0.6	3.5	945-2060
100	285	13	10	0.6	5	945-2079
220	460	21	10	0.6	5	945-2087
330	551	21	13	0.6	5	945-2095
470	768	26	13	0.6	5	945-2109
1000	1435	32	16	0.8	7.5	945-2117

Order Multiple=5						
63 Volt d.c.						
µF	Order Code	5+	50+	100+	500+	+
1	945-2001	8.00	7.00	6.00	4.00	--
2.2	945-2010	8.00	7.00	6.00	4.00	--
4.7	945-2028	8.00	7.00	6.00	4.00	--
10	945-2036	8.00	7.00	7.00	5.00	--
22	945-2044	10.00	9.00	8.00	6.00	--
33	945-2052	10.00	9.00	8.00	6.00	--
47	945-2060	16.00	13.00	13.00	9.00	--
100	945-2079	22.00	19.00	18.00	13.00	--
220	945-2087	32.00	29.00	27.00	20.00	--
330	945-2095	43.00	37.00	35.00	25.00	--
470	945-2109	41.00	37.00	37.00	32.00	--
1000	945-2117	89.00	78.00	73.00	55.00	--

µF	Ripple (mA)	H	Dimensions		Pitch	Order Code
			Dia.	Dia.		
100 Volt d.c.						
22	106	11	8	0.6	3.5	945-2125
47	190	16	10	0.6	5	945-2133
100	320	21	13	0.6	5	945-2141
220	665	26	16	0.8	7.5	945-2150
330	702	26	16	0.8	7.5	945-2168

Order Multiple=5						
100 Volt d.c.						
µF	Order Code	5+	50+	100+	500+	+
22	945-2125	15.00	14.00	13.00	9.00	--
47	945-2133	26.00	22.00	21.00	16.00	--
100	945-2141	41.00	36.00	34.00	25.00	--
220	945-2150	67.00	55.00	52.00	39.00	--
330	945-2168	72.00	66.00	62.00	45.00	--

NHG Series – 105°C



● High temperature miniature radial electrolytic

Operating temperature -55°C to +105°C 6.3 to 100V Leakage current 0.01CV or 3uA 6.3 to 100V
 -55°C to +105°C 160 to 450V 0.06CV + 10uA 160 to 450V
 Tolerance ±20% Ripple current measured at 120Hz @ 105°C

6.3 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
1000	380	11.5	8	0.6	3.5	ECA0JHG102	969-2738

Order Multiple=5						
6.3 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
1000	969-2738	14.00	12.00	10.00	8.00	--

10 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
3300	1000	20	12.5	0.6	5	ECA1AHG332	969-2746
4700	1260	25	12.5	0.6	5	ECA1AHG472	969-2754
6800	1570	25	16	0.8	7.5	ECA1AHG682	969-2762

Order Multiple=5						
10 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
4700	969-2754	53.00	45.00	37.00	30.00	--
6800	969-2762	66.00	56.00	46.00	37.00	--
6800	969-2762	66.00	56.00	46.00	37.00	--

16 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
330	260	11.5	8	0.6	3.5	ECA1CHG331	969-2770
470	310	11.5	8	0.6	3.5	ECA1CHG471	969-2789
1000	560	16	10	0.6	5	ECA1CHG102	969-2797
2200	920	20	12.5	0.6	5	ECA1CHG222	969-2800
4700	1480	25	16	0.8	7.5	ECA1CHG472	969-2819

Order Multiple=5						
16 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
330	969-2770	13.00	11.00	9.00	7.00	--
470	969-2789	13.00	11.00	9.00	7.00	--
1000	969-2797	20.00	18.00	14.00	12.00	--
2200	969-2800	35.00	30.00	25.00	21.00	--
4700	969-2819	66.00	56.00	46.00	37.00	--

25 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
100	130	11.2	6.3	0.5	2.5	ECA1EHG101	969-2827
220	230	11.5	8	0.6	3.5	ECA1EHG221	969-2835
470	380	12.5	10	0.6	5	ECA1EHG471	969-2843
2200	1090	25	12.5	0.6	5	ECA1EHG222	969-2851
3300	1400	25	16	0.8	7.5	ECA1EHG332	969-2860

Order Multiple=5						
25 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
100	969-2827	7.00	6.00	5.00	4.00	--
220	969-2835	12.00	10.00	8.00	7.00	--
470	969-2843	16.00	14.00	12.00	9.00	--
2200	969-2851	50.00	43.00	35.00	30.00	--
3300	969-2860	66.00	56.00	46.00	37.00	--

35 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
1000	810	20	12.5	0.6	5	ECA1VHG102	969-2878

Order Multiple=5						
35 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
1000	969-2878	35.00	30.00	25.00	20.00	--

50 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
1	10	11	5	0.5	2	ECA1HHG010	969-2886
2.2	18	11	5	0.5	2	ECA1HHG2R2	969-2894
3.3	22	11	5	0.5	2	ECA1HHG3R3	969-2908
4.7	26	11	5	0.5	2	ECA1HHG4R7	969-2916
10	39	11	5	0.5	2	ECA1HHG100	969-2924
22	65	11	5	0.5	2	ECA1HHG220	969-2932
33	90	11	5	0.5	2	ECA1HHG330	969-2940
47	110	11.2	6.3	0.5	2.5	ECA1HHG470	969-2959
100	180	11.5	8	0.6	3.5	ECA1HHG101	969-2967
220	300	12.5	10	0.6	5	ECA1HHG221	969-2975
330	410	16	10	0.6	5	ECA1HHG331	969-2983
470	530	20	10	0.6	5	ECA1HHG471	969-2991
1000	950	25	12.5	0.6	5	ECA1HHG102	969-3009
2200	1470	31.5	16	0.8	7.5	ECA1HHG222	969-3017

Order Multiple=5						
50 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
1	969-2886	4.00	3.00	3.00	2.00	--
2.2	969-2894	4.00	3.00	3.00	2.00	--
3.3	969-2908	4.00	4.00	3.00	2.00	--
4.7	969-2916	4.00	4.00	3.00	2.00	--
10	969-2924	4.00	3.00	3.00	2.00	--
22	969-2932	4.00	3.00	3.00	2.00	--
33	969-2940	6.00	5.00	4.00	3.00	--
47	969-2959	7.00	6.00	5.00	4.00	--
100	969-2967	12.00	10.00	8.00	7.00	--
220	969-2975	14.00	12.00	10.00	8.00	--
330	969-2983	20.00	18.00	14.00	12.00	--
470	969-2991	26.00	22.00	18.00	15.00	--
1000	969-3009	53.00	45.00	37.00	32.00	--
2200	969-3017	95.00	81.00	66.00	56.00	--

63 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
33	100	11.2	6.3	0.5	2.5	ECA1JHG330	969-3025
47	120	11.2	6.3	0.5	2.5	ECA1JHG470	969-3033
220	335	16	10	0.6	5	ECA1JHG221	969-3041
330	510	20	10	0.6	5	ECA1JHG331	969-3050
470	640	20	12.5	0.6	5	ECA1JHG471	969-3068
1000	930	25	16	0.8	7.5	ECA1JHG102	969-3076

Order Multiple=5						
63 Volt d.c.						
µF	Order Code	5+	100+	500+	1K+	+
33	969-3025	8.00	6.00	5.00	4.00	--
47	969-3033	7.00	6.00	5.00	4.00	--
220	969-3041	22.00	18.00	15.00	12.00	--
330	969-3050	29.00	25.00	20.00	16.00	--
470	969-3068	39.00	33.00	27.00	22.00	--
1000	969-3076	75.00	63.00	52.00	42.00	--

100 Volt d.c.	Ripple (mA)	Dimensions		Lead		Mftrs. List No.	Order Code
µF		H	D	Dia.	Pitch		
0.47	9	11	5	0.5	2	ECA2AHGR47	969-3084
1	14	11	5	0.5	2	ECA2AHG010	969-3092
2.2	21	11	5	0.5	2	ECA2AHG2R2	969-3106
3.3	31	11	5	0.5	2	ECA2AHG3R3	969-3114
4.7	38	11	5	0.5	2	ECA2AHG4R7	969-3122
10	54	11.2	6.3	0.5	2.5	ECA2AHG100	969-3130

Capacitors

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Compliant
 Non-compliant
 Limited stock - RoHS replacement available
RoHS