

NICHICON Aluminum Electrolytic Capacitors



This product is RoHS compliant.

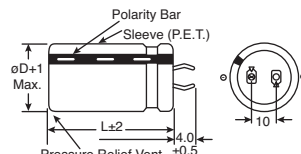
GL SERIES: SNAP-IN TERMINAL TYPE

Features:

- Withstanding 3000 hours application of rated ripple current at 105°C
- One rank smaller case sized than GU series

Specifications:

- Category Temperature Range: -40°C to +105°C
- Rated Capacitance Range: 56µF to 390µF
- Capacitance Tolerance: ±20% at 120Hz, 20°C



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DIMENSIONS: mm

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Cap. (µF)	Voltage	Dimensions: mm (D x L)	Rated Ripple (mA)	Leakage Current (mA)	Price Each			
							1	25	100	500
647-LGL2W121MELZ25	LGL2W121MELZ25	120	450	22 x 25	690	0.69	4.36	3.96	3.53	3.42
647-LGL2G151MELZ25	LGL2G151MELZ25	150	400	22 x 25	730	0.73	4.00	3.63	3.22	3.13
647-LGL2W151MELA25	LGL2W151MELA25	150	450	25 x 25	740	0.77	5.51	4.48	4.15	4.02
647-LGL2W181MELA30	LGL2W181MELA30	180	450	25 x 30	770	0.85	5.45	4.95	4.40	4.27
647-LGL2W221MELZ40	LGL2W221MELZ40	220	450	22 x 40	850	0.94	7.32	4.82	4.37	3.75
647-LGL2W271MELB30	LGL2W271MELB30	270	450	30 x 30	930	1.04	7.61	6.93	6.16	5.98
647-LGL2G331MELB25	LGL2G331MELB25	330	400	30 x 25	1040	1.08	7.29	6.64	5.89	5.72
647-LGL2W331MELC25	LGL2W331MELC25	330	450	35 x 25	1070	1.15	9.41	8.59	7.62	7.38
647-LGL2G391MELC25	LGL2G391MELC25	390	400	35 x 25	1180	1.18	8.70	7.92	7.03	6.83
647-LGL2W391MELC30	LGL2W391MELC30	390	450	35 x 30	1280	1.25	11.06	10.07	8.95	8.68
647-LGL2G471MELB35	LGL2G471MELB35	470	400	30 x 35	1500	1.3	9.41	8.59	7.62	7.38
647-LGL2W471MELC35	LGL2W471MELC35	470	450	35 x 35	1480	1.37	9.14	8.23	7.88	7.50
647-LGL2G561MELC30	LGL2G561MELC30	560	400	35 x 30	1660	1.41	11.18	10.18	9.06	8.78
647-LGL2W561MELC40	LGL2W561MELC40	560	450	35 x 40	1660	1.5	13.44	12.24	10.86	10.54

GN SERIES: SNAP-IN TERMINAL TYPE

Features:

- Withstanding 3000 hours application of rated ripple current at 105°C
- One rank smaller case sized than GU series

Specifications:

- Category Temperature Range: -40°C to +105°C
- Rated Capacitance Range: 56µF to 390µF
- Capacitance Tolerance: ±20% at 120Hz, 20°C



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MOUSER STOCK NO.	Nichicon Part No.	Cap. (µF)	Voltage	Dimensions: mm (D x L)	Rated Ripple (mA)	Leakage Current (mA)	Price Each			
							1	25	100	500
647-LGN2H560MELZ25	LGN2H560MELZ25	56	500	22 x 25	470	0.50	4.95	4.11	3.62	1.93
647-LGN2H680MELZ30	LGN2H680MELZ30	68	500	22 x 30	520	0.55	5.56	4.61	4.06	2.16
647-LGN2H680MELA25	LGN2H680MELA25	68	500	25 x 25	520	0.55	3.24	2.93	2.53	1.88
647-LGN2H820MELZ35	LGN2H820MELZ35	82	500	22 x 35	590	0.60	3.32	3.00	2.59	1.92
647-LGN2H101MELB25	LGN2H101MELB25	100	500	30 x 25	650	0.67	3.82	3.44	2.88	2.37
647-LGN2H101MELZ40	LGN2H101MELZ40	100	500	22 x 40	650	0.67	3.42	3.08	2.58	2.13
647-LGN2H121MELZ45	LGN2H121MELZ45	120	500	22 x 45	680	0.73	7.61	7.15	6.34	3.23
647-LGN2H121MELA35	LGN2H121MELA35	120	500	25 x 35	680	0.73	8.10	7.62	6.75	3.43
647-LGN2H121MELB30	LGN2H121MELB30	120	500	30 x 30	680	0.73	4.29	3.87	3.24	2.66
647-LGN2H151MELZ50	LGN2H151MELZ50	150	500	22 x 50	750	0.82	9.02	8.48	7.52	3.82
647-LGN2H151MELA45	LGN2H151MELA45	150	500	25 x 45	750	0.82	9.44	8.87	7.87	4.00
647-LGN2H151MELC25	LGN2H151MELC25	150	500	35 x 25	750	0.82	10.29	9.67	8.57	4.36
647-LGN2H181MELA50	LGN2H181MELA50	180	500	25 x 50	900	0.90	10.78	10.13	8.98	4.57
647-LGN2H181MELB35	LGN2H181MELB35	180	500	30 x 35	900	0.90	5.06	4.50	4.05	3.48
647-LGN2H181MELC30	LGN2H181MELC30	180	500	35 x 30	900	0.90	5.28	4.70	4.22	3.63
647-LGN2W221MELA40	LGN2W221MELA40	220	450	25 x 40	1050	0.94	13.44	10.31	9.31	5.72
647-LGN2H221MELB45	LGN2H221MELB45	220	500	30 x 45	1020	0.99	6.12	5.45	4.89	4.20
647-LGN2H221MELC35	LGN2H221MELC35	220	500	35 x 35	1020	0.99	7.79	6.95	6.18	5.34
647-LGN2H271MELB50	LGN2H271MELB50	270	500	30 x 50	1120	1.10	15.29	14.37	12.74	6.49
647-LGN2H271MELC40	LGN2H271MELC40	270	500	35 x 40	1120	1.10	7.14	6.36	5.71	4.91
647-LGN2H331MELC45	LGN2H331MELC45	330	500	35 x 45	1250	1.21	18.46	17.35	15.39	7.83
647-LGN2H391MELC50	LGN2H391MELC50	390	500	35 x 50	1300	1.32	21.07	19.80	17.56	8.94
647-LGN2E821MELB35	LGN2E821MELB35	820	250	30 x 35	2000	1.35	10.97	8.40	7.40	4.66
647-LGN2P102MELB35	LGN2P102MELB35	1000	220	30 x 35	2330	1.4	11.01	8.44	7.44	4.68

GR SERIES: SNAP-IN TERMINAL TYPE

Features:

- Withstanding 10000 hours application of rated ripple current at 105°C

Specifications:

- Category Temperature Range: -40°C to +105°C
- Rated Capacitance Range: 39µ to 1500µF
- Capacitance Tolerance: ±20% at 120Hz, 20°C



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Cap. (µF)	Voltage	Dimensions: mm (D x L)	Rated Ripple (mA)	Leakage Current (mA)	Price Each			
							1	25	100	500
647-LGR2D681MELB35	LGR2D681MELB35	680	200	30 x 35	1700	1.1	4.62	4.18	3.87	3.66
647-LGR2E102MELC45	LGR2E102MELC45	1000	250	35 x 45	2200	1.5	8.97	8.11	6.72	6.38

GW SERIES: SNAP-IN TERMINAL TYPE HIGH RIPPLE CURRENT

Features:

- Withstanding 3000 hours application of rated ripple current at 105°C
- High ripple current

Specifications:

- Category Temperature Range: -40°C to +105°C
- Rated Capacitance Range: 82µ to 2200µF
- Capacitance Tolerance: ±20% at 120Hz, 20°C



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Nichicon Part No.	Cap. (µF)	Voltage	Dimensions: mm (D x L)	Rated Ripple (mA)	Leakage Current (mA)	Price Each			
							1	25	100	500
647-LGW2W101MELA25	LGW2W101MELA25	100	450	25 x 25	1040	0.63	6.16	4.31	3.13	2.82
647-LGW2G121MELZ30	LGW2G121MELZ30	120	400	22 x 30	1220	0.65	5.59	3.92	2.84	2.56
647-LGW2W121MELZ35	LGW2W121MELZ35	120	450	22 x 35	1150	0.69	6.73	4.70	3.42	3.08
647-LGW2G181MELA30	LGW2G181MELA30	180	400	25 x 30	1430	0.8	7.23	5.05	3.68	3.30
647-LGW2G221MELB30	LGW2G221MELB30	220	400	30 x 30	1790	0.88	8.65	6.06	4.39	3.96
647-LGW2W221MELA45	LGW2W221MELA45	220	450	25 x 45	1550	0.94	9.50	6.64	4.83	4.35
647-LGW2W221MELB35	LGW2W221MELB35	220	450	30 x 35	1710	0.94	10.35	7.24	5.27	4.74
647-LGW2E331MELA25	LGW2E331MELA25	330	250	25 x 25	1800	0.86	6.30	4.41	3.20	2.88
647-LGW2G331MELB40	LGW2G331MELB40	330	400	30 x 40	2330	1.08	11.14	7.79	5.66	5.11
647-LGW2G391MELB45	LGW2G391MELB45	390	400	30 x 45	2520	1.18	12.84	8.98	6.52	5.88
647-LGW2W391MELC40	LGW2W391MELC40	390	450	35 x 40	2420	1.25	9.20	8.18	6.54	5.62
647-LGW2D471MELA25	LGW2D471MELA25	470	200	25 x 25	2170	0.91	5.94	4.15	3.02	2.73
647-LGW2D471MELZ30	LGW2D471MELZ30	470	200	22 x 30	2170	0.91	5.67	3.96	2.87	2.59
647-LGW2E471MELB25	LGW2E471MELB25	470	250	30 x 25	2200	1.02	8.49	5.96	4.32	3.89
647-LGW2G471MELB50	LGW2G471MELB50	470	400	30 x 50	2850	1.3	14.47	10.13	7.36	6.62
647-LGW2G471MELC40	LGW2G471MELC40	470	400	35 x 40	2850	1.3	15.03	10.52	7.65	6.89
647-LGW2W471MELC45	LGW2W471MELC45	470	450	35 x 45	2670	1.37	18.38	12.86	9.35	8.43
647-LGW2D681MELB25	LGW2D681MELB25	680	200	30 x 25	3080	1.1	7.86	5.50	4.00	3.60
647-LGW2D681MELZ40	LGW2D681MELZ40	680	200	22 x 40	2300	1.1	6.94	4.86	3.52	3.18
647-LGW2E681MELB30	LGW2E681MELB30	680	250	30 x 30	2500	1.23	10.64	7.44	5.40	4.87
647-LGW2E122MELC40	LGW2E122MELC40	1200	250	35 x 40	3450	1.64	16.95	11.86	8.63	7.77
647-LGW2D152MELC35	LGW2D152MELC35	1500	200	35 x 35	4200	1.64	13.19	9.22	6.70	6.05

Aluminum Caps, Can

Nichicon