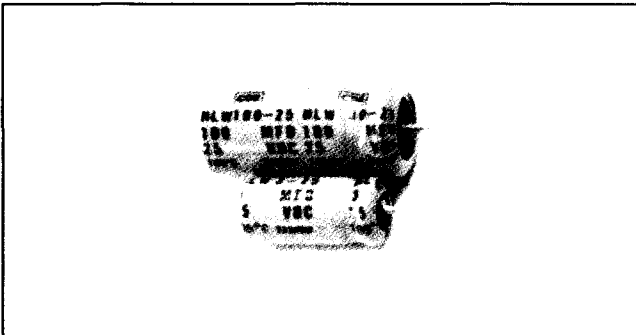


Miniature, Computer Grade, 105°C Type NLW - Rugged Construction, Extended Life



Generally used in industrial/commercial applications where its unique construction can withstand high vibration and continuous high temperature operating environments. Low leakage current and ESR values combine to further enhance the superior performance characteristics of this type. Type NLW has a life expectancy of ten years or more in most industrial/commercial applications.

Performance Highlights:

- Capacitance 1.0 uF to 600 uF, -10 + 75%
- Voltage 6 Vdc to 150 Vdc
- Operating Temperature -40°C to 105°C
- 2500 hours load life test at +105°C
- Leakage Current ≤ 0.005 CV uA

Ratings:

Capacitance uF	ESR max ohms, 120Hz	ripple, amps 120Hz, 85°C	Nominal Case Size D x L (inches)	Catalog Number	Case Code
6 Vdc — 8 Vdc Surge					
100	4.0	0.140	5/16 x 5/8	NLW100-6	CB
200	2.0	0.250	3/8 x 3/4	NLW200-6	DC
300	1.3	0.310	3/8 x 7/8	NLW300-6	DD
500	0.8	0.450	3/8 x 1 1/4	NLW500-6	DF
10 Vdc — 12 Vdc Surge					
125	2.7	0.210	5/16 x 3/4	NLW125-10	CC
12 Vdc — 15 Vdc Surge					
15	17.7	0.056	1/4 x 1/2	NLW15-12	BA
25	13.3	0.066	1/4 x 1/2	NLW25-12	BA
100	3.3	0.150	5/16 x 3/4	NLW100-12	CC
200	1.7	0.270	3/8 x 7/8	NLW200-12	DD
250	1.3	0.290	3/8 x 7/8	NLW250-12	DD
16 Vdc — 20 Vdc Surge					
5	40.0	0.037	1/4 x 1/2	NLW5-16	BA
10	26.5	0.047	1/4 x 1/2	NLW10-16	BA
15	17.7	0.056	1/4 x 1/2	NLW15-16	BA
20	16.6	0.062	1/4 x 1/2	NLW20-16	BA
25	13.3	0.072	1/4 x 5/8	NLW25-16	BB
30	11.1	0.078	1/4 x 5/8	NLW30-16	BB
40	8.3	0.098	5/16 x 5/8	NLW40-16	CB
50	6.7	0.108	5/16 x 5/8	NLW50-16	CB
75	4.5	0.136	5/16 x 3/4	NLW75-16	CC
100	3.3	0.150	5/16 x 3/4	NLW100-16	CC
150	2.2	0.225	3/8 x 3/4	NLW150-16	DC
200	1.7	0.270	3/8 x 7/8	NLW200-16	DD
250	1.3	0.310	3/8 x 1	NLW250-16	DE
300	1.1	0.370	3/8 x 1 1/4	NLW300-16	DF
350	0.95	0.400	3/8 x 1 1/4	NLW350-16	DF
400	0.83	0.470	3/8 x 1 1/2	NLW400-16	DH
600	0.55	0.780	3/8 x 1 1/2	NLW600-16	DH
25 Vdc — 35 Vdc Surge					
1	200.0	0.020	1/4 x 1/2	NLW1-25	BA
2	100.0	0.026	1/4 x 1/2	NLW2-25	BA
3	67.0	0.030	1/4 x 1/2	NLW3-25	BA
4	50.0	0.034	1/4 x 1/2	NLW4-25	BA

Capacitance uF	ESR max ohms, 120Hz	ripple, amps 120Hz, 85°C	Nominal Case Size D x L (inches)	Catalog Number	Case Code
25 Vdc — 35 Vdc Surge					
5	40.0	0.037	1/4 x 1/2	NLW5-25	BA
6	33.0	0.039	1/4 x 1/2	NLW6-25	BA
8	33.0	0.044	1/4 x 1/2	NLW8-25	BA
10	26.5	0.047	1/4 x 1/2	NLW10-25	BA
15	17.7	0.056	1/4 x 1/2	NLW15-25	BA
20	13.3	0.063	1/4 x 5/8	NLW20-25	BB
25	10.6	0.082	5/16 x 5/8	NLW25-25	CB
30	8.9	0.088	5/16 x 5/8	NLW30-25	CB
35	7.6	0.094	5/16 x 5/8	NLW35-25	CB
40	6.7	0.098	5/16 x 5/8	NLW40-25	CB
50	5.3	0.115	5/16 x 3/4	NLW50-25	CC
75	3.6	0.175	3/8 x 3/4	NLW75-25	DC
100	2.7	0.195	3/8 x 3/4	NLW100-25	DC
150	1.8	0.260	3/8 x 1	NLW150-25	DE
200	1.3	0.320	3/8 x 1	NLW200-25	DE
250	1.06	0.400	3/8 x 1 1/2	NLW250-25	DH
300	0.88	0.420	3/8 x 1 1/2	NLW300-25	DH
50 Vdc — 65 Vdc Surge					
1	200.0	0.020	1/4 x 1/2	NLW1-50	BA
2	100.0	0.026	1/4 x 1/2	NLW2-50	BA
3	67.0	0.030	1/4 x 1/2	NLW3-50	BA
4	50.0	0.034	1/4 x 1/2	NLW4-50	BA
5	40.0	0.037	1/4 x 1/2	NLW5-50	BA
6	33.0	0.039	1/4 x 1/2	NLW6-50	BA
8	25.0	0.046	1/4 x 5/8	NLW8-50	BB
10	20.0	0.052	1/4 x 5/8	NLW10-50	BB
15	13.5	0.068	5/16 x 5/8	NLW15-50	CB
20	10.0	0.076	5/16 x 5/8	NLW20-50	CB
25	8.0	0.090	5/16 x 3/4	NLW25-50	CC
30	6.6	0.115	3/8 x 5/8	NLW30-50	DB
35	5.7	0.130	3/8 x 3/4	NLW35-50	DC
40	5.0	0.138	3/8 x 3/4	NLW40-50	DC
50	4.0	0.160	3/8 x 7/8	NLW50-50	DD
75	2.7	0.200	3/8 x 1	NLW75-50	DE
100	2.0	0.250	3/8 x 1 1/4	NLW100-50	DF
125	1.6	0.310	3/8 x 1 1/2	NLW125-50	DH

AXIAL LEADED CAPACITORS

Capacitance uF	ESR max ohms, 120Hz	ripple, amps 120Hz, 85°C	Nominal Case Size D x L (inches)	Catalog Number	Case Code
100 Vdc – 125 Vdc Surge					
2	100.0	0.020	¼ x ½	NLW2-100	BA
4	50.0	0.042	5/16 x 5/8	NLW4-100	CB
5	40.0	0.045	5/16 x 5/8	NLW5-100	CB
10	20.0	0.082	3/8 x 3/4	NLW10-100	DC
15	13.5	0.104	3/8 x 7/8	NLW15-100	DD
20	10.0	0.122	3/8 x 1	NLW20-100	DE
25	8.0	0.133	3/8 x 1	NLW25-100	DE
30	6.6	0.160	3/8 x 1¼	NLW30-100	DF
40	5.0	0.200	3/8 x 1½	NLW40-100	DH
150 Vdc – 175 Vdc Surge					
1	200.0	0.020	¼ x ½	NLW1-150	BA
2	100.0	0.028	¼ x ½	NLW2-150	BA
3	67.0	0.038	5/16 x 5/8	NLW3-150	CB
4	50.0	0.045	5/16 x 3/4	NLW4-150	CC
5	40.0	0.049	5/16 x 3/4	NLW5-150	CC
8	25.0	0.076	3/8 x 3/4	NLW8-150	DC
10	20.0	0.088	3/8 x 7/8	NLW10-150	DD
12	17.0	0.100	3/8 x 1	NLW12-150	DE
20	10.0	0.137	3/8 x 1¼	NLW20-150	DF