

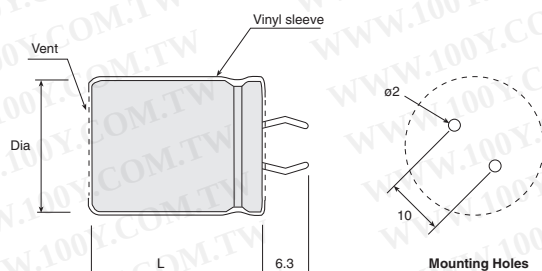
NOVER type LS

A range of high CV, high ripple current, aluminium electrolytic capacitors suitable for general purpose use. Housed in compact bodies and fitted with two snap-in pcb terminals on a standard 10mm pitch. Endurance test 2000 hours at 85°C. N.B. Other values, voltages and can sizes are available to order.



- ◆ General purpose
- ◆ High CV
- ◆ High ripple current
- ◆ Compact body
- ◆ Snap-in terminals 10mm pitch
- ◆ Endurance test 2000 hours at 85°C
- ◆ Maximum temperature 85°C
- ◆ Capacitance tolerance 20%
- ◆ Leakage current ≤0.01CV
- ◆ Body colour Black

Dimensions (mm)



Dia x L are can sizes only. To allow for sleeve add 1.0 to Dia and 2.0 to L

Specification

Conforms to JIS
C5141-1982 Char. W

LS

Endurance test	2000 hours at 85°C
Capacitance tolerance	±20% at 120Hz, 20°C
Ripple current (as listed)	measured at 120Hz, 85°C (see also multiplier table below)
Operating temperature range	-40°C to +85°C (16 ~ 100V) -25°C to +85°C (200 ~ 450V)
Leakage current	≤0.01CV or 3μA (whichever is greater) after 2 min.

Dissipation factor (120Hz, 20°C)

*Add 0.02 for every 1000μF above 5000μF

Rated voltage	16V	25V	35V	50V	63V	100V	dc
Tan δ (max)*	0.40	0.30	0.25	0.20	0.15	0.15	
Rated voltage	200V	250V	400V	450V			dc
Tan δ (max)	0.15	0.15	0.15	0.15			

Surge voltage capability

Rated voltage	16V	25V	35V	50V	63V	100V	dc
Surge voltage	20V	32V	44V	63V	79V	125V	dc
Rated voltage	200V	250V	400V	450V			dc
Surge voltage	250V	300V	450V	500V			dc

Multiplier for ripple current

Frequency coefficient						
Freq (Hz)	50	120	1k	10k	20k	
Rated Voltage(V)						
16 ~ 50	0.95	1.0	1.10	1.15	1.15	
63 ~ 100	0.95	1.0	1.16	1.30	1.33	
200 ~ 450	0.90	1.0	1.20	1.50	1.55	
Temperature coefficient						
Temperature (°C)	+40	+55	+70	+85		
Rated Voltage(V)						
<200	2.1	1.8	1.5	1.0		
≥200	1.7	1.5	1.3	1.0		

ORDER CODES

Value (μF)	Ripple Current (A)	Dia. x L (mm)	Order Code
16 Volt			
4700	2.20	22.0 x 25.0	054002
6800	2.33	22.0 x 25.0	054003
8200	2.56	22.0 x 30.0	054053
10000	2.81	22.0 x 30.0	054004
15000	3.64	25.0 x 30.0	054005
22000	4.44	25.0 x 40.0	054006
33000	5.38	30.0 x 45.0	054007
25 Volt			
4700	2.18	22.0 x 25.0	054101
6800	2.56	22.0 x 30.0	054102
8200	2.80	22.0 x 35.0	054123
8200	2.86	25.0 x 40.0	054103
10000	3.12	22.0 x 40.0	054125
10000	3.16	25.0 x 30.0	054105
15000	4.00	25.0 x 40.0	054106
22000	5.19	30.0 x 40.0	054107
35 Volt			
3300	2.14	22.0 x 25.0	054203
4700	2.24	22.0 x 30.0	054224
4700	2.28	25.0 x 25.0	054204
6800	2.89	25.0 x 35.0	054205
8200	3.33	25.0 x 40.0	054255
10000	3.59	25.0 x 40.0	054226
10000	3.62	25.0 x 45.0	054206
10000	3.70	30.0 x 40.0	054216
15000	4.80	30.0 x 45.0	054207
22000	6.40	30.0 x 50.0	054208
50 Volt			
2200	1.93	22.0 x 30.0	054303
3300	2.41	22.0 x 30.0	054304
4700	3.01	22.0 x 40.0	054305
4700	3.01	35.0 x 25.0	054315
6800	3.79	25.0 x 40.0	054326
6800	3.87	30.0 x 35.0	054306
8200	4.42	30.0 x 40.0	054356
10000	5.02	30.0 x 40.0	054327
10000	5.06	30.0 x 45.0	054307
15000	6.44	35.0 x 50.0	054308
63 Volt			
2200	2.24	22.0 x 30.0	054414
2200	2.30	25.0 x 25.0	054424
2200	2.35	25.0 x 30.0	054404
3300	2.69	25.0 x 30.0	054425
3300	2.73	25.0 x 40.0	054405
4700	1.96	35.0 x 25.0	054436
4700	3.32	25.0 x 40.0	054426
4700	3.37	30.0 x 30.0	054416
4700	3.42	30.0 x 40.0	054406
6800	4.41	30.0 x 40.0	054427
6800	4.47	30.0 x 50.0	054407
8200	4.90	30.0 x 50.0	054428
10000	5.32	35.0 x 40.0	054438
10000	5.49	35.0 x 50.0	054408

continued > > >



ELECTROLYTIC, Snap-in, 2 Pin

continuation

ORDER CODES

Value (μ F)	Ripple Current (A)	Dia. x L (mm)	Order Code
100 Volt			
1000	2.10	22.0 x 30.0	054504
2200	3.20	30.0 x 40.0	054506
3300	4.10	35.0 x 45.0	054507
4700	5.10	35.0 x 40.0	054528
4700	5.14	35.0 x 45.0	054508
200 Volt			
220	1.10	22.0 x 30.0	054703
330	1.48	22.0 x 30.0	054734
330	1.50	25.0 x 30.0	054724
330	1.50	22.0 x 40.0	054704
470	1.86	25.0 x 35.0	054725
470	1.90	25.0 x 40.0	054705
680	2.36	25.0 x 40.0	054736
680	2.40	25.0 x 45.0	054726
680	2.44	25.0 x 50.0	054706
820	2.69	30.0 x 40.0	054756
1000	2.88	35.0 x 30.0	054727
1000	3.05	35.0 x 40.0	054707
250 Volt			
220	1.30	22.0 x 35.0	054803
330	1.68	25.0 x 35.0	054804
470	2.05	25.0 x 40.0	054805
680	2.78	30.0 x 45.0	054806
820	3.13	30.0 x 50.0	054807
1000	3.50	35.0 x 50.0	054808
400 Volt			
47	0.50	22.0 x 25.0	054902
100	0.72	22.0 x 30.0	054904
150	0.95	25.0 x 30.0	054905
220	1.23	30.0 x 30.0	054926
220	1.25	30.0 x 35.0	054906
330	1.61	30.0 x 40.0	054927
330	1.68	30.0 x 45.0	054907
470	2.10	35.0 x 40.0	054928
470	2.15	35.0 x 45.0	054908
450 Volt			
47	0.56	22.0 x 25.0	054973
100	0.70	25.0 x 35.0	054975
150	1.08	25.0 x 40.0	054976
220	1.30	30.0 x 45.0	054977
330	1.49	35.0 x 45.0	054978
470	1.92	35.0 x 50.0	054979

Other values, voltages and can sizes are available to order.
Please contact our Sales Desk for details.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787

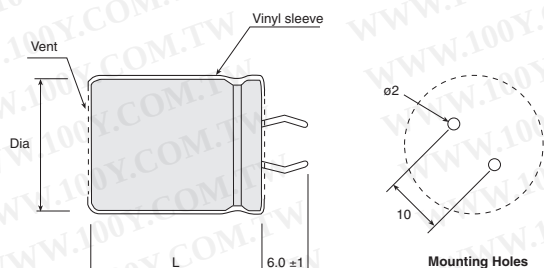
[Http://www.100y.com.tw](http://www.100y.com.tw)

NOVER type LH

Offering a high temperature capability of 105°C and an endurance of 2000 hours, the LH aluminium electrolytic 2 pin, snap-in capacitor range is designed for applications where ambient conditions may exceed the operating specification of the general purpose LS series. The most popular values are listed below with other values and voltages being available to order. Supplied loose.

- ◆ High temperature **105°C**
- ◆ High CV
- ◆ High ripple current
- ◆ Snap-in terminals **10mm pitch**
- ◆ Endurance **2000 hours at 105°C**
- ◆ Capacitance tolerance **20%**
- ◆ Leakage current **≤0.01CV**
- ◆ Body colour **Grey**

Dimensions (mm)



Dia x L are can sizes only. To allow for sleeve add 1.0 to Dia and 2.0 to L

ORDER CODES

Value (µF)	Ripple Current (A)	Dimensions (mm) Dia. x L	Order Code
16 Volt			
4700	1.60	22.0 x 25.0	055002
6800	1.75	22.0 x 25.0	055003
8200	2.00	22.0 x 30.0	055053
10000	2.10	22.0 x 30.0	055004
22000	3.36	25.0 x 45.0	055006
33000	4.30	30.0 x 45.0	055007
25 Volt			
4700	1.61	22.0 x 30.0	055101
6800	2.00	22.0 x 40.0	055104
6800	2.09	25.0 x 30.0	055102
8200	2.34	25.0 x 35.0	055123
10000	2.61	25.0 x 40.0	055105
22000	4.04	30.0 x 45.0	055107
35 Volt			
3300	1.57	22.0 x 30.0	055203
4700	2.02	25.0 x 30.0	055204
6800	2.31	25.0 x 40.0	055205
8200	2.73	25.0 x 45.0	055255
10000	3.04	25.0 x 45.0	055226
10000	3.05	25.0 x 50.0	055206
22000	4.92	35.0 x 50.0	055208
50 Volt			
2200	1.60	22.0 x 35.0	055303
3300	1.97	25.0 x 35.0	055304
4700	2.43	25.0 x 40.0	055305
6800	3.30	30.0 x 40.0	055306
8200	3.60	30.0 x 45.0	055356
10000	4.05	30.0 x 50.0	055307
63 Volt			
2200	1.75	25.0 x 30.0	055404
3300	2.33	25.0 x 40.0	055405
4700	1.96	35.0 x 25.0	055436
4700	2.86	30.0 x 40.0	055406
6800	3.65	30.0 x 50.0	055407
8200	4.04	35.0 x 50.0	055527
10000	4.48	35.0 x 50.0	055408
100 Volt			
1000	1.47	22.0 x 30.0	055504
2200	2.53	25.0 x 50.0	055514
2200	2.55	30.0 x 40.0	055506
3300	3.30	35.0 x 45.0	055507
4700	3.80	35.0 x 50.0	055508
200 Volt			
220	0.83	22.0 x 25.0	055723
220	1.00	22.0 x 30.0	055703
330	1.20	25.0 x 30.0	055704
470	1.44	25.0 x 35.0	055705
680	1.76	25.0 x 45.0	055706
820	2.11	30.0 x 40.0	055756
1000	2.40	35.0 x 40.0	055707
400 Volt			
47	0.32	22.0 x 25.0	055902
100	0.62	22.0 x 35.0	055904
150	0.75	22.0 x 40.0	055905
150	0.85	25.0 x 40.0	055925
220	1.24	30.0 x 40.0	055906
330	1.47	30.0 x 50.0	055907
470	1.87	35.0 x 50.0	055908

Specification

Conforms to JIS C5141-1982 Char. W

LH

Endurance test	2000 hours at 105°C
Capacitance tolerance	±20% at 120Hz, 20°C
Ripple current (as listed)	measured at 120Hz, 105°C (see also multiplier table below)
Operating temperature range	-40°C to +105°C (16 ~ 100V) -25°C to +105°C (200 ~ 400V)
Leakage current	≤0.01CV or 3µA (whichever is greater) after 2 min.

Dissipation factor (120Hz, 20°C)

*Add 0.01 for every 1000µF above 5000µF

Rated voltage	16V	25V	35V	50V	63V	100V	200V	400V	dc
Tan δ (max.)*	0.40	0.30	0.25	0.20	0.15	0.15	0.15	0.15	

Surge voltage capability

Rated voltage	16V	25V	35V	50V	63V	100V	200V	400V	dc
Surge voltage	20V	32V	44V	63V	79V	125V	250V	450V	dc

Multiplier for ripple current

Frequency coefficient					
Rated Voltage (V)	Freq (Hz)				
	50	120	1k	10k	20k
16 ~ 50	0.95	1.0	1.10	1.15	1.15
63 ~ 100	0.95	1.0	1.16	1.30	1.33
200 ~ 400	0.90	1.0	1.20	1.50	1.55
Temperature coefficient					
Temperature (°C)	+40	+55	+70	+85	+105
Factor	2.7	2.5	2.1	1.7	1.0

Other values, voltages and can sizes are available to order.
Please contact our Sales Desk for details.