

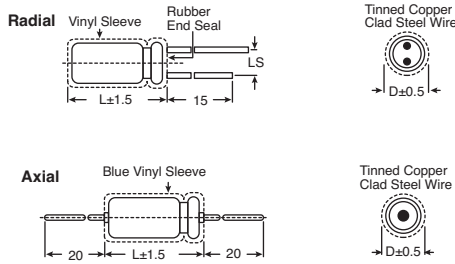
LELON/XICON Non-Polar, Bi-Polar, and Low ESR Capacitors



NON-POLAR AND BI-POLAR

Non-Polarized Axial and Radial Electrolytics

For use in circuits that are reversed in polarity or circuits to which short duration AC voltages are impressed.



Specifications:

- Capacitance tolerance: ±10%
- Leakage current: I=0.02CV=3µA max.
- Vinyl sleeve color: blue
- Dissipation factor (25°C): @ 120Hz=15% @ 1KHz=20%
- Operating temperature range: -40°C to +85°C

Axial Lead Type

MOUSER STOCK NO.	WVDC	Value (µF)	Dimensions: mm			Price Each				
			D	L	LS	1	100	500	1000	2000+
140-NPRL50V1.0-RC	50	1.0	6.3	12	---	.38	.28	.22	.16	
140-NPRL50V2.2-RC	50	2.2	6.3	12	---	.43	.31	.24	.18	
140-NPRL50V3.3-RC	50	3.3	6.3	12	---	.45	.33	.25	.20	
140-NPRL50V4.7-RC	50	4.7	6.3	12	---	.48	.35	.28	.21	
140-NPRL50V5.6-RC	50	5.6	6.3	12	---	.47	.42	.27	.20	
140-NPRL50V6.8-RC	50	6.8	6.3	12	---	.55	.49	.31	.24	
140-NPRL50V10-RC	50	10	6.3	12	---	.61	.44	.35	.26	
140-NPRL50V15-RC	50	15	8	13	---	.71	.53	.40	.31	
140-NPRL50V22-RC	50	22	8	16	---	.81	.58	.46	.35	
140-NPRL50V33-RC	50	33	8	16	---	.94	.70	.54	.41	
140-NPRL50V47-RC	50	47	10	17	---	1.09	.78	.62	.47	
140-NPRL50V68-RC	50	68	10	26	---	1.25	.93	.71	.55	
140-NPRL50V100-RC	50	100	10	21	---	1.45	1.04	.83	.62	
140-NPRL100V1.0-RC	100	1.0	6.3	12	---	.47	.33	.26	.21	
140-NPRL100V2.2-RC	100	2.2	6.3	12	---	.56	.40	.31	.24	
140-NPRL100V3.3-RC	100	3.3	6.3	16	---	.69	.49	.38	.29	
140-NPRL100V4.7-RC	100	4.7	6.3	16	---	.74	.53	.40	.31	
140-NPRL100V6.8-RC	100	6.8	8	20	---	.77	.55	.47	.36	
140-NPRL100V10-RC	100	10	8	16	---	.79	.56	.53	.40	
140-NPRL100V15-RC	100	15	10	26	---	1.12	.79	.61	.47	
140-NPRL100V22-RC	100	22	10	22	---	1.30	.93	.71	.55	
140-NPRL100V33-RC	100	33	10	24	---	1.94	1.40	1.07	.83	
140-NPRL100V47-RC	100	47	10	30	---	2.79	2.15	1.66	1.28	
140-NPRL100V100-RC	100	100	16	28	---	4.43	3.40	2.62	2.01	
140-NPRL100V220-RC	100	220	16	37	---	5.95	4.96	4.13	3.44	

Aluminum Caps, Leaded Lelon/Xicon

Radial Lead Type

MOUSER STOCK NO.	WVDC	Value (µF)	Dimensions: mm			Price Each				
			D	L	LS	1	100	500	1000	2000+
140-NPRL50V1.0-RC	50	1.0	5	11	2.0	.18	.09	.08	.07	
140-NPRL50V2.2-RC	50	2.2	5	11	2.0	.18	.09	.08	.07	
140-NPRL50V3.3-RC	50	3.3	5	11	2.0	.20	.10	.09	.08	
140-NPRL50V4.7-RC	50	4.7	5	11	2.0	.20	.10	.09	.08	
140-NPRL50V6.8-RC	50	6.8	6	11	2.5	.35	.26	.21	.15	
140-NPRL50V10-RC	50	10	8	11	3.5	.24	.12	.11	.10	
140-NPRL50V15-RC	50	15	8	15	3.5	.46	.34	.26	.20	
140-NPRL50V22-RC	50	22	8	11	3.5	.36	.18	.17	.15	
140-NPRL50V33-RC	50	33	8	13	3.5	.46	.23	.21	.19	
140-NPRL50V47-RC	50	47	10	16	5.0	.49	.33	.30	.27	
140-NPRL50V100-RC	50	100	10	20	5.0	.74	.49	.45	.41	

LOW ESR ELECTROLYTIC CAPACITORS

Features:

- High permissible ripple current
- Wide operating temperature range
- Suited for switching power supplies

Specifications:

- Operating temperature: -55°C to +105°C
- Life test: load life = 2000 hours
- Leakage current: 0.01CV or 3µA

5mm to 13mm Diameter available packaged in Tape and Box. To order Tape and Box, add -TB to Mouser Stock No.

LEAD SPACE CHART: mm

Dia	L/S	Dia	L/S
4	1.5	13	5.0
5	2.0	16	7.5
6.3	2.5	18	7.5
8	3.5		
10	5.0	Tape	5.0

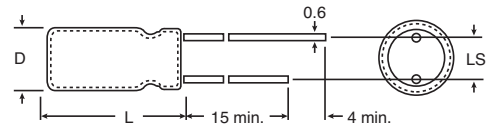
Application Note:

A higher voltage capacitor may be used in a lower voltage application



Dissipation factor (Tan δ, at 20°C 120Hz)

Rated voltage (V)	6.3	10	16	25	35	50	63	100
Tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.07



16 Volt (20V Surge)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Value (µF)	Max. ESR Ω @ 20°C 100KHZ	Case Size D x L (mm) Max.	Bulk Price Each		Tape and Box		
				1	100	500	Qty.	Price Per Piece
140-ESRL16V100-RC	100	.70	6.3 x 11	.44	.23	.18	2000	.116
140-ESRL16V220-RC	220	.33	8 x 11.5	.50	.27	.22	1000	.177
140-ESRL16V330-RC	330	.23	10 x 12.5	.56	.30	.24	500	.24
140-ESRL16V470-RC	470	.18	10 x 16	.61	.32	.26	500	.26
140-ESRL16V1000-RC	1000	.11	13 x 20	.96	.54	.44	500	.44
140-ESRL16V2200-RC	2200	.073	13 x 26	1.58	.87	.68	500	.68
140-ESRL16V3300-RC	3300	.055	16 x 31.5	2.05	1.12	.87	---	-
140-ESRL16V4700-RC	4700	.046	16 x 35.5	2.75	1.40	1.16	---	-

50 Volt (63V Surge)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Value (µF)	Max. ESR Ω @ 20°C 100KHZ	Case Size D x L (mm) Max.	Bulk Price Each		Tape and Box		
				1	100	500	Qty.	Price Per Piece
140-ESRL50V4.7-RC	4.7	4.70	5 x 11	.24	.12	.099	2000	.063
140-ESRL50V10-RC	10	2.20	5 x 11	.24	.12	.099	2000	.063
140-ESRL50V22-RC	22	.98	6.3 x 11	.29	.14	.12	2000	.08
140-ESRL50V33-RC	33	.65	6.3 x 11	.45	.21	.19	2000	.123
140-ESRL50V47-RC	47	.45	6.3 x 11	.46	.21	.19	2000	.123
140-ESRL50V100-RC	100	.17	10 x 16	.62	.28	.26	500	.26
140-ESRL50V220-RC	220	.11	10 x 25	.84	.46	.36	500	.36
140-ESRL50V330-RC	330	.081	13 x 20	1.04	.62	.54	500	.54
140-ESRL50V470-RC	470	.066	13 x 26	1.35	.75	.58	500	.58
140-ESRL50V1000-RC	1000	.046	16 x 31.5	2.00	1.27	.85	---	-

25 Volt (32V Surge)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Value (µF)	Max. ESR Ω @ 20°C 100KHZ	Case Size D x L (mm) Max.	Bulk Price Each		Tape and Box		
				1	100	500	Qty.	Price Per Piece
140-ESRL25V33-RC	33	1.60	5 x 11	.28	.14	.12	2000	.078
140-ESRL25V47-RC	47	1.10	6.3 x 11	.34	.16	.14	2000	.091
140-ESRL25V100-RC	100	.49	8 x 11.5	.46	.21	.19	1000	.153
140-ESRL25V220-RC	220	.33	10 x 12.5	.57	.27	.24	500	.24
140-ESRL25V330-RC	330	.19	10 x 16	.62	.28	.26	500	.26
140-ESRL25V470-RC	470	.13	10 x 20	.86	.41	.37	500	.37
140-ESRL25V1000-RC	1000	.072	13 x 26	1.34	.63	.57	500	.57

100 Volt (100V Surge)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Value (µF)	Max. ESR Ω @ 20°C 100KHZ	Case Size D x L (mm) Max.	Bulk Price Each		Tape and Box		
				1	100	500	Qty.	Price Per Piece
140-ESRL100V1.0-RC	1.0	17.00	5 x 11	.24	.12	.099	2000	.063
140-ESRL100V2.2-RC	2.2	6.60	5 x 11	.24	.12	.099	2000	.063
140-ESRL100V4.7-RC	4.7	2.80	6.3 x 11	.29	.14	.12	2000	.08
140-ESRL100V10-RC	10	1.20	8 x 11.5	.46	.21	.19	1000	.153
140-ESRL100V22-RC	22	.55	8 x 11.5	.46	.21	.19	1000	.153
140-ESRL100V33-RC	33	.42	10 x 12.5	.57	.27	.24	500	.24
140-ESRL100V47-RC	47	.28	10 x 20	.62	.31	.27	500	.27
140-ESRL100V100-RC	100	.17	13 x 20	1.29	.60	.54	500	.54