LELON/XICON High Temperature Electrolytic Capacitors

RoHS Compliant This product is RoHS compliant.

105°C HIGH TEMP. RADIAL ELECTROLYTICS

Electrical Specifications:

- Operating temperature range: -40°C to +105°C
- DC leakage current: I=0.01CV or 3μA max.
- Capacitance tolerance: ±20%

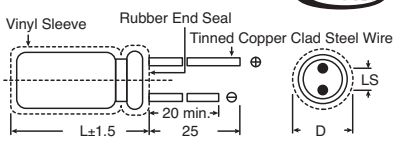
RoHS Compliant

Application Note:
A higher voltage capacitor may be used in a lower voltage application

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



DIMENSIONS: mm

MOUSER STOCK NO.	Value (μF)	Case Size D x L (mm) Max.	Bulk Price Each 1	100	500	Tape and Box Qty.	Price Per Piece
10 Volt (13V Surge)							
140-HTRL10V100-RC	100	5 x 11	.08	.061	.05	2000	.038
140-HTRL10V680-RC	680	10 x 16	.18	.14	.12	500	.12
16 Volt (20V Surge)							
140-HTRL16V22-RC	22	5 x 11	.07	.049	.038	2000	.029
140-HTRL16V47-RC	47	5 x 11	.07	.049	.038	2000	.029
140-HTRL16V100-RC	100	6.3 x 11	.08	.059	.046	2000	.037
140-HTRL16V220-RC	220	8 x 11	.12	.085	.06	2000	.043
140-HTRL16V330-RC	330	8 x 11	.12	.085	.06	1000	.046
140-HTRL16V470-RC	470	10 x 12	.17	.13	.12	500	.12
140-HTRL16V1000-RC	1000	10 x 20	.25	.20	.18	500	.18
140-HTRL16V2200-RC	2200	13 x 25	.53	.39	.31	- - -	-
140-HTRL16V4700-RC	4700	16 x 25	1.02	.80	.71	- - -	-
25 Volt (32V Surge)							
140-HTRL25V10-RC	10	5 x 11	.07	.049	.038	2000	.029
140-HTRL25V22-RC	22	5 x 11	.07	.049	.038	2000	.029
140-HTRL25V33-RC	33	5 x 11	.07	.049	.038	2000	.029
140-HTRL25V47-RC	47	5 x 11	.08	.061	.05	2000	.038
140-HTRL25V100-RC	100	6.3 x 11	.08	.061	.05	2000	.038
140-HTRL25V220-RC	220	8 x 11	.13	.096	.079	1000	.072
140-HTRL25V330-RC	330	10 x 12	.18	.14	.12	500	.12
140-HTRL25V470-RC	470	10 x 12	.22	.17	.14	500	.14
140-HTRL25V1000-RC	1000	13 x 20	.40	.31	.24	- - -	-
140-HTRL25V2200-RC	2200	16 x 25	.75	.59	.43	- - -	-
35 Volt (44V Surge)							
140-HTRL35V10-RC	10	5 x 11	.07	.049	.038	2000	.029
140-HTRL35V22-RC	22	5 x 11	.07	.049	.038	2000	.029
140-HTRL35V33-RC	33	6.3 x 11	.08	.059	.046	2000	.037
140-HTRL35V47-RC	47	6.3 x 11	.08	.059	.046	2000	.037
140-HTRL35V100-RC	100	8 x 11	.10	.085	.078	1000	.066
140-HTRL35V220-RC	220	10 x 12	.18	.14	.12	500	.12
140-HTRL35V330-RC	330	10 x 20	.22	.17	.14	500	.14
140-HTRL35V470-RC	470	10 x 16	.30	.23	.16	500	.16
140-HTRL35V1000-RC	1000	13 x 20	.54	.43	.35	- - -	-
50 Volt (63V Surge)							
140-HTRL50V1.0-RC	1.0	5 x 11	.07	.049	.038	2000	.029
140-HTRL50V2.2-RC	2.2	5 x 11	.07	.049	.038	2000	.029
140-HTRL50V4.7-RC	4.7	5 x 11	.07	.049	.038	2000	.029
140-HTRL50V10-RC	10	5 x 11	.07	.049	.038	2000	.029
140-HTRL50V22-RC	22	6.3 x 11	.08	.059	.046	2000	.037
140-HTRL50V33-RC	33	8 x 11	.08	.064	.054	2000	.042

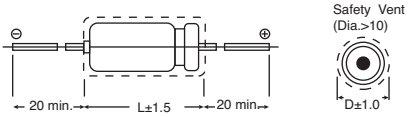
MOUSER STOCK NO.	Value (μF)	Case Size D x L (mm) Max.	Bulk Price Each 1	100	500	Tape and Box Qty.	Price Per Piece
50 Volt (63V Surge) (Cont.)							
140-HTRL50V47-RC	47	8 x 11	.12	.085	.06	2000	.043
140-HTRL50V100-RC	100	8 x 11	.13	.097	.079	1000	.072
140-HTRL50V150-RC	150	10 x 20	.20	.16	.12	500	.12
140-HTRL50V220-RC	220	10 x 20	.22	.17	.14	500	.14
140-HTRL50V330-RC	330	13 x 20	.34	.26	.23	500	.23
140-HTRL50V470-RC	470	13 x 25	.40	.30	.28	- - -	-
140-HTRL50V1000-RC	1000	16 x 25	.90	.54	.39	- - -	-
140-HTRL50V2200-RC	2200	18 x 36	1.54	1.19	1.02	- - -	-
63 Volt (79V Surge)							
140-HTRL63V2.2-RC	2.2	5 x 11	.07	.049	.038	2000	.029
140-HTRL63V3.3-RC	3.3	5 x 11	.07	.049	.038	2000	.029
140-HTRL63V4.7-RC	4.7	5 x 11	.07	.049	.038	2000	.029
140-HTRL63V100-RC	100	10 x 12	.18	.14	.12	500	.12
140-HTRL63V1000-RC	1000	16 x 32	1.67	1.33	1.16	- - -	-
100 Volt (125V Surge)							
140-HTRL100V.47-RC	.47	5 x 11	.08	.059	.046	2000	.037
140-HTRL100V1.0-RC	1.0	5 x 11	.08	.059	.046	2000	.037
140-HTRL100V4.7-RC	4.7	6.3 x 11	.08	.059	.046	2000	.037
140-HTRL100V10-RC	10	8 x 11	.12	.085	.06	1000	.046
140-HTRL100V22-RC	22	8 x 11	.12	.085	.06	1000	.046
140-HTRL100V47-RC	47	10 x 12	.22	.17	.14	500	.14
140-HTRL100V100-RC	100	13 x 20	.42	.32	.29	- - -	-
140-HTRL100V470-RC	470	18 x 36	1.34	1.04	.89	- - -	-
140-HTRL100V680-RC	680	18 x 36	2.09	1.66	1.45	- - -	-
160 Volt (200V Surge)							
140-HTRL160V1.0-RC	1.0	5 x 11	.10	.071	.058	2000	.041
140-HTRL160V2.2-RC	2.2	6.3 x 11	.12	.085	.068	2000	.047
140-HTRL160V4.7-RC	4.7	6.3 x 11	.13	.098	.08	2000	.056
140-HTRL160V10-RC	10	10 x 12.5	.18	.14	.12	500	.12
140-HTRL160V22-RC	22	10 x 20	.34	.26	.23	- - -	-
140-HTRL160V47-RC	47	13 x 26	.58	.46	.40	- - -	-
140-HTRL160V100-RC	100	16 x 25	.77	.61	.54	- - -	-
250 Volt (300V Surge)							
140-HTRL250V1.0-RC	1.0	6.3 x 11	.10	.085	.078	2000	.058
140-HTRL250V2.2-RC	2.2	6.3 x 11	.14	.10	.084	2000	.061
140-HTRL250V4.7-RC	4.7	10 x 13	.17	.13	.11	500	.11
140-HTRL250V10-RC	10	10 x 16	.24	.19	.17	500	.17
140-HTRL250V22-RC	22	13 x 20	.53	.39	.31	- - -	-
140-HTRL250V47-RC	47	13 x 25	.83	.65	.55	- - -	-
140-HTRL250V100-RC	100	16 x 36	1.62	.96	.72	- - -	-

105°C HIGH TEMP. AXIAL ALUMINUM ELECTROLYTICS

Specifications:

- Operating temperature range: 10V to 250V: -40°C to +105°C
  350V to 450V: -25°C to +105°C
- Tolerance: ± 20%

Application Note:
A higher voltage capacitor may be used in a lower voltage application



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10 Volt

MOUSER STOCK NO.	Value (μF)	Case Size D x L (mm) Max.	Bulk Price Each 1	10	100	500	1000	2000+
140-TG221M1A-0613-RC	220	6 x 13	.75	.64	.49	.40	.322	Call for Quote
140-TG471M1A-0816-RC	470	8 x 16	.75	.64	.49	.40	.322	
140-TG102M1A-1017-RC	1000	10 x 17	.75	.64	.49	.40	.328	

16 Volt

140-TG100M1C-0512-RC	10	5 x 12	.49	.45	.39	.32	.258	Call for Quote
140-TG220M1C-0512-RC	22	5 x 12	.49	.45	.39	.32	.258	
140-TG470M1C-0613-RC	47	6 x 13	.49	.45	.39	.32	.258	
140-TG101M1C-0613-RC	100	6 x 13	.75	.64	.49	.40	.322	
140-TG221M1C-0813-RC	220	8 x 13	.75	.64	.49	.40	.322	
140-TG471M1C-0816-RC	470	8 x 16	.75	.64	.49	.40	.322	
140-TG102M1C-1021-RC	1000	10 x 21	.80	.69	.56	.48	.387	
140-TG222M1C-1327-RC	2200	13 x 27	1.49	1.31	.99	.78	.628	
140-TG472M1C-1637-RC	4700	16 x 37	2.39	1.99	1.66	1.51	1.22	

25 Volt

140-TG100M1E-0512-RC	10	5 x 12	.49	.45	.39	.32	.258	Call for Quote
140-TG220M1E-0512-RC	22	5 x 12	.49	.45	.39	.32	.258	
140-TG470M1E-0613-RC	47	6 x 13	.75	.64	.49	.40	.322	
140-TG101M1E-0813-RC	100	8 x 13	.75	.64	.49	.40	.322	
140-TG221M1E-0816-RC	220	8 x 16	.75	.64	.49	.40	.322	
140-TG471M1E-1021-RC	470	10 x 21	1.05	.99	.85	.65	.524	
140-TG102M1E-1322-RC	1000	13 x 22	1.05	.99	.85	.65	.524	
140-TG222M1E-1628-RC	2200	16 x 28	1.65	1.51	1.30	.99	.797	
140-TG472M1E-1840-RC	4700	18 x 40	2.87	2.40	2.18	1.99	1.60	

50 Volt

MOUSER STOCK NO.	Value (μF)	Case Size D x L (mm) Max.	Bulk Price Each 1	10	100	500	1000	2000+
140-TG100M1H-0512-RC	10	5 x 12	.49	.45	.39	.32	.258	Call for Quote
140-TG220M1H-0614-RC	22	6 x 14	.49	.45	.39	.32	.258	
140-TG470M1H-0816-RC	47	8 x 16	.75	.64	.49	.40	.322	
140-TG101M1H-1017-RC	100	10 x 17	.75	.64	.49	.40	.322	
140-TG221M1H-1021-RC	220	10 x 21	1.05	.99	.85	.65	.524	
140-TG331M1H-1322-RC	330	13 x 22	1.05	.99	.85	.65	.524	
140-TG471M1H-1322-RC	470	13 x 22	1.05	.99	.85	.65	.524	
140-TG102M1H-1633-RC	1000	16 x 33	1.65	1.51	1.30	.99	.813	
140-TG222M1H-1840-RC	2200	18 x 40	2.94	2.44	2.23	2.04	1.32	

100 Volt

140-TG0R1M2A-0512-RC	.1	5 x 12	.49	.45	.39	.32	.258	CALL FOR QUOTE
140-TGR22M2A-0512-RC	.22	5 x 12	.49	.45	.39	.32	.258	
140-TGR33M2A-0512-RC	.33	5 x 12	.49	.45	.39	.32	.258	
140-TGR47M2A-0512-RC	.47	5 x 12	.49	.45	.39	.32	.258	
140-TG010M2A-0512-RC	1	5 x 12	.49	.45	.39	.32	.258	
140-TG2R2M2A-0512-RC	2.2	5 x 12	.49	.45	.39	.32	.258	
140-TG3R3M2A-0512-RC	3.3	5 x 12	.49	.45	.39	.32	.258	
140-TG4R7M2A-0613-RC	4.7	6 x 13	.49	.45	.39	.32	.258	
140-TG100M2A-0614-RC	10	6 x 14	.75	.64	.49	.40	.322	
140-TG220M2A-0816-RC	22	8 x 16	.75	.64	.49	.40	.322	
140-TG330M2A-1017-RC	33	10 x 17	.75	.64	.49	.40	.322	
140-TG470M2A-1021-RC	47	10 x 21	.75	.64	.49	.40	.335	
140-TG101M2A-1322-RC	100	13 x 22	1.05	.99	.85	.65	.524	
140-TG221M2A-1327-RC	220	13 x 27	2.05	1.75	1.38	1.25	1.01	
140-TG331M2A-1633-RC	330	16 x 33	2.35	1.99	1.75	1.49	1.23	
140-TG471M2A-1633-RC	470	16 x 33	2.60	2.16	1.95	1.79	1.31	
140-TG102M2A-1840-RC	1000	18 x 40	4.99	3.80	3.45	3.14	2.86	

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