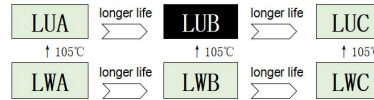


Screw terminal capacitor



LUB Series (105°C for 5000 hours)



- Rohs requirements.
- 105°C 5000 hours large ripple resistant series.
- Used for switching power supplies, inverters, laser spot welders, and large ripple-resistant products.

Product description

Item	Characteristic
Operating temperature range	-40°C~+105°C
Rated voltage(WV/V)	350V~450V
Capacitance(CAP/C)	1000~15000
Tolerance(CAP/C)	±20% (25°C, 120Hz)
Leakage current LC/I(25°C, 120Hz)	LC≤0.01CV(μA) or 5mA, take the smaller value (25°C, 5minutes) C=Nominal capacitance(μF), V=Working voltage(V)
Dissipation factor DF/tanδ(25°C, 120Hz)	350~450
	≤0.20
Temperature characteristics (Capacitance ratio at 120Hz)	C(-40°C)/C(+25°C)≥0.6
	C(-25°C)/C(+25°C)≥0.7

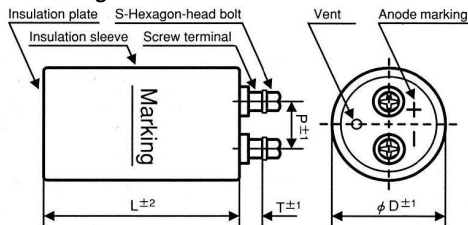
	Working lifetime		Standard lifetime	Durability	High temperature storage
	9000h	>200000h	5000h	5000h	1000h
Leakage current LC/I(25°C, 120Hz)	Within the rated specification value.		Within the rated specification value.	Within the rated specification value.	Within the rated specification value.
Capacitance change	Within ±30% of initial value		Within ±20% of initial value	Within ±20% of initial value	Within ±20% of initial value
Dissipation factor	Within 300% of rated specification value		Within 200% of rated specification value	Within 200% of rated specification value	Within 200% of rated specification value
Environmental condition: Applied voltage	UR	UR	UR	UR	Apply rated working voltage for 60 minutes, and conduct the test after 24-hour recovery.
Applied current	IR	1.2×IR	IR	IR=0	
Application temperature	105°C	40°C	105°C	105°C	

Ripple current correction factor

Freq.	50/60Hz	120Hz	300KHz	1KHz	≥10KHz	Temp.°C	40	60	85	105
Coefficient	0.80	1.00	1.10	1.30	1.40	Coefficient	2.24	2.16	2.0	1.0

Aluminum electrolytic capacitors age as they heat up and temperature rises when ripple current is superimposed. Using at higher temperatures will reduce product life. To maintain product life, please reduce ripple current during use.

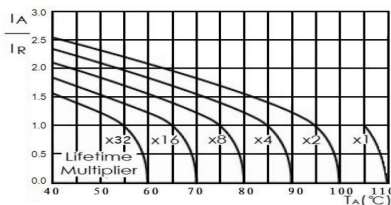
Drawing unit: mm



Capacitors with screw terminals series

ΦD±1	P±1	S±0.5	T±1	CAP material
36	12.7	M5×10	6	EP
51	22	M5×10	6	EP
64	28.6	M5×10	6	EP
77	31.4	M5×10	6	EP
90	31.4	M5×10	6	EP
101	41.5	M8×17	10	EP

Life curve



Multiplier of useful life as a function of ambient temperature and ripple current load I_A: actual ripple current at 120Hz, I_R: rated ripple current at 120Hz 85°C

■ LUB series:105°C 5000 hours large ripple screw capacitor

WV	CAP 25°C, 120Hz	DF 25°C, 120Hz	Max ESR 25°C, 120Hz	ESR(typ.) 25°C, 120Hz	Rated Ripple Current 105°C,	Size DxL	Φ	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)		-
350 2V(400)	1000	0.20	136	68	5.4	51 x 75		LUB2V102MC075***
	1200	0.20	108	54	6.9	51 x 75		LUB2V122MC075***
	1500	0.20	108	54	8.3	51 x 96		LUB2V152MC096***
	1800	0.20	88	44	9.8	51 x 96		LUB2V182MC096***
	2200	0.20	60	30	11.3	51 x 130		LUB2V222MC130***
	2700	0.20	54	27	12.8	64 x 96		LUB2V272MD096***
	3300	0.20	54	23	14.5	64 x 115		LUB2V332MD115***
	3900	0.20	46	19	16.7	64 x 130		LUB2V392MD130***
	4700	0.20	39	17	19.8	77 x 155		LUB2V472ME155***
	4700	0.20	39	17	19.2	77 x 115		LUB2V472ME115***
	5600	0.20	32	14	21.9	77 x 130		LUB2V562ME130***
	5600	0.20	32	14	22.1	77 x 155		LUB2V562ME155***
	6800	0.20	27	13	26.3	77 x 155		LUB2V682ME155***
	8200	0.20	22	11	29.4	90 x 157		LUB2V822MF157***
	10000	0.20	18	10	32.4	90 x 157		LUB2V103MF157***
12000	0.20	16	8	39.2	90 x 170		LUB2V123MF170***	
15000	0.20	12	6	45.5	90 x 190		LUB2V153MF190***	
400 2G(450)	1000	0.20	138	69	5.6	51 x 75		LUB2G102MC075***
	1200	0.20	126	63	7.1	51 x 96		LUB2G122MC096***
	1500	0.20	104	52	8.5	51 x 115		LUB2G152MC115***
	1800	0.20	84	42	10.1	51 x 130		LUB2G182MC130***
	2200	0.20	80	40	11.5	64 x 96		LUB2G222MD096***
	2700	0.20	56	28	13.3	64 x 115		LUB2G272MD115***
	3300	0.20	46	23	15.2	64 x 130		LUB2G332MD130***
	3900	0.20	39	21	18.1	64 x 155		LUB2G392MD155***
	3900	0.20	39	21	18.3	77 x 115		LUB2G392ME115***
	4700	0.20	32	17	20.2	64 x 190		LUB2G472MD190***
	4700	0.20	32	17	20.3	77 x 130		LUB2G472ME130***
	5600	0.20	27	15	23.9	64 x 190		LUB2G562MD190***
	5600	0.20	27	15	24.1	77 x 155		LUB2G562ME155***
	6800	0.20	22	13	26.7	90 x 157		LUB2G682MF157***
	8200	0.20	18	11	29.5	90 x 157		LUB2G822MF157***
10000	0.20	15	9	35.8	90 x 190		LUB2G103MF190***	
12000	0.20	13	8	38.1	90 x 220		LUB2G123MF220***	
450 2W(500)	1000	0.20	138	69	5.7	51 x 96		LUB2W102MC096***
	1200	0.20	130	65	7.2	51 x 115		LUB2W122MC115***
	1500	0.20	104	52	8.6	51 x 130		LUB2W152MC130***
	1800	0.20	84	42	10.2	64 x 96		LUB2W182MD096***
	2200	0.20	69	38	11.9	64 x 115		LUB2W222MD115***
	2700	0.20	56	31	13.8	64 x 130		LUB2W272MD130***
	2700	0.20	56	31	14.6	77 x 115		LUB2W272ME115***
	3300	0.20	46	23	16.7	64 x 155		LUB2W332MD155***
	3300	0.20	46	24	17.1	77 x 130		LUB2W332ME130***
	3900	0.20	39	21	19.5	77 x 155		LUB2W392ME155***
	4700	0.20	32	18	21.8	77 x 155		LUB2W472ME155***
	5600	0.20	27	16	26.6	77 x 190		LUB2W562ME190***
	5600	0.20	27	16	27.1	90 x 157		LUB2W562MF157***
	6800	0.20	22	14	29.7	90 x 190		LUB2W682MF190***
	8200	0.20	19	12	32.6	90 x 190		LUB2W822MF190***
10000	0.20	17	11	35.8	90 x 220		LUB2W103MF220***	

**** Indicates terminal type, length, and sleeve color;

Your company needs to know more about the product specifications, dimensions and other related data.If not all are listed, you can contact us by phone, WeChat or other tools to understand.

The content recorded in the catalog book may be changed without notification. Your company is requested to require us to provide specifications when purchasing and using, and use it as the standard.

