

LXA Series

- Rated voltage range up to 525V_{dc}
- Endurance with ripple current : 5,000 hours at 105°C (2,000 hours for 500V_{dc} & 525V_{dc})
- RoHS2 Compliant

LXA

Long life
KMH

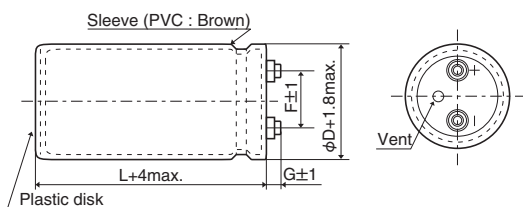


SPECIFICATIONS

Items	Characteristics		
Category	-40 to +105℃ (10 to 100V _{dc}) -25 to +105℃ (160 to 525V _{dc})		
Temperature Range	10 to 525V _{dc}		
Rated Voltage Range	10 to 525V _{dc}		
Capacitance Tolerance	-10 to +50% (T) (10 to 250V _{dc}) ±20% (M) (350 to 525V _{dc}) (at 20℃, 120Hz)		
Leakage Current	I=0.02CV or 5mA, whichever is smaller. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20℃ after 5 minutes)		
Dissipation Factor (tan δ)	See STANDARD RATINGS (10 to 250V _{dc}) 0.20max. (350 to 525V _{dc}) (at 20℃, 120Hz)		
Low Temperature Characteristics	Capacitance change C(-40℃)/C(+20℃)≥0.6(10 to 100V _{dc}) C(-25℃)/C(+20℃)≥0.7(160 to 250V _{dc}) C(-25℃)/C(+20℃)≥0.65(350 to 525V _{dc}) (at 120Hz)		
Insulation Resistance	When measured between the terminals that are connected to each other and to the mounting clamp on the insulating sleeve covering the case by using an insulation resistance meter of 500V _{dc} , the insulation resistance shall not be less than 100MΩ.		
Insulation Withstanding Voltage	When a voltage of 2,000V _{ac} is applied for 1 minute between the terminals that are connected to each other and to the mounting clamp on the insulating sleeve covering the case, there shall not be electrical damage.		
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 5,000 hours (2,000 hours for 500 & 525V _{dc} products) at 105℃.		
	Capacitance change	≤ ±20% of the initial value	
	D.F. (tan δ)	≤200% of the initial specified value	
	Leakage current	≤The initial specified value	
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.		
	Rated voltage	10 to 250V _{dc}	350 to 525V _{dc}
	Capacitance change	≤ ±15% of the initial value	≤ ±20% of the initial value
	D.F. (tan δ)	≤150% of the initial specified value	≤200% of the initial specified value
	Leakage current	≤The initial specified value	≤The initial specified value

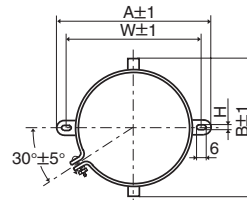
DIMENSIONS (Screw-Mount) [mm]

●Terminal Code : LG



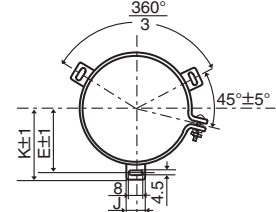
φD	G	
	10 to 250V _{dc}	350 to 525V _{dc}
~φ63.5	6	6
φ76.2	5	6
φ89	5	4

●Mounting Clamp Code : B



φD	A	B	W	H	F
35	58	44	48	3.5	12.7
50	78	64	68	4.5	22.4
63.5	90	76	80	4.5	28.0
76.2	104.5	90	93.5	4.5	31.5

●Mounting Clamp Code : C



φD	E	K	J	F
50	32.5	37.0	14.0	22.4
63.5	38.1	43.5	14.0	28.0
76.2	44.5	50.0	14.0	31.5
89	50.8	56.5	16.0	31.5

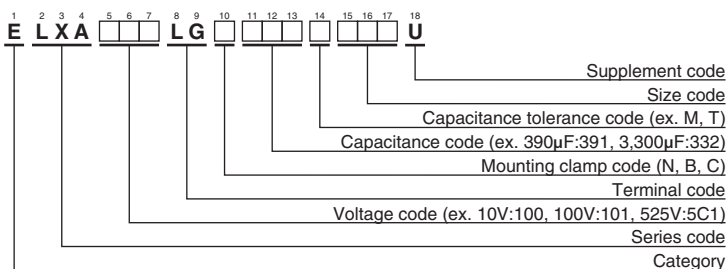
<Screw specifications>

Plus hexagon-headed screw :M5×0.8×10

Maximum screw tightening torque :3.23Nm

* The screw and the mounting clamp are separately supplied and not attached to the product.

PART NUMBERING SYSTEM



Please refer to "Product code guide (screw-mount terminal type)"

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
10	27,000	35 × 80	0.45	4.30	ELXA100LGB273TA80U
	33,000	35 × 80	0.45	4.70	ELXA100LGB333TA80U
	39,000	35 × 80	0.45	5.30	ELXA100LGB393TA80U
	47,000	35 × 100	0.45	6.10	ELXA100LGB473TAA0U
	56,000	35 × 100	0.50	6.20	ELXA100LGB563TAA0U
	68,000	35 × 120	0.60	6.80	ELXA100LGB683TAC0U
	82,000	50 × 80	0.60	7.80	ELXA100LGC823TC80U
	100,000	50 × 100	0.70	8.50	ELXA100LGC104TCA0U
	120,000	50 × 100	0.70	9.50	ELXA100LGC124TCA0U
	150,000	63.5 × 100	0.80	11.0	ELXA100LGC154TDA0U
	180,000	63.5 × 100	0.80	12.1	ELXA100LGC184TDA0U
	220,000	76.2 × 100	1.00	13.2	ELXA100LGC224TEA0U
	270,000	76.2 × 120	1.20	14.4	ELXA100LGC274TEC0U
	330,000	76.2 × 140	1.20	17.0	ELXA100LGC334TEE0U
	390,000	89 × 140	1.40	18.6	ELXA100LGC394TFE0U
16	15,000	35 × 50	0.45	2.90	ELXA160LGB153TA50U
	18,000	35 × 80	0.45	3.50	ELXA160LGB183TA80U
	22,000	35 × 80	0.45	3.90	ELXA160LGB223TA80U
	27,000	35 × 80	0.45	4.30	ELXA160LGB273TA80U
	33,000	35 × 100	0.50	4.80	ELXA160LGB333TAA0U
	39,000	35 × 100	0.50	5.30	ELXA160LGB393TAA0U
	47,000	35 × 120	0.50	6.20	ELXA160LGB473TAC0U
	56,000	50 × 80	0.60	6.30	ELXA160LGC563TC80U
	68,000	50 × 100	0.60	7.60	ELXA160LGC683TCA0U
	82,000	50 × 120	0.70	8.30	ELXA160LGC823TCC0U
	100,000	50 × 120	0.70	9.20	ELXA160LGC104TCC0U
	120,000	63.5 × 100	0.80	9.90	ELXA160LGC124TDA0U
	150,000	76.2 × 100	0.80	12.3	ELXA160LGC154TEA0U
	180,000	76.2 × 120	0.80	14.5	ELXA160LGC184TEC0U
	220,000	76.2 × 140	1.00	15.2	ELXA160LGC224TEE0U
	270,000	89 × 140	1.20	16.8	ELXA160LGC274TFE0U
25	12,000	35 × 80	0.35	3.30	ELXA250LGB123TA80U
	15,000	35 × 80	0.35	3.70	ELXA250LGB153TA80U
	18,000	35 × 80	0.35	4.00	ELXA250LGB183TA80U
	22,000	35 × 80	0.35	4.50	ELXA250LGB223TA80U
	27,000	35 × 100	0.40	5.00	ELXA250LGB273TAA0U
	33,000	35 × 120	0.40	5.90	ELXA250LGB333TAC0U
	39,000	50 × 80	0.40	6.50	ELXA250LGC393TC80U
	47,000	50 × 100	0.40	7.90	ELXA250LGC473TCA0U
	56,000	50 × 120	0.40	8.80	ELXA250LGC563TCC0U
	68,000	50 × 120	0.50	9.10	ELXA250LGC683TCC0U
	82,000	63.5 × 100	0.50	10.6	ELXA250LGC823TDA0U
	100,000	63.5 × 120	0.60	11.4	ELXA250LGC104TDC0U
	120,000	76.2 × 100	0.60	12.8	ELXA250LGC124TEA0U
	150,000	76.2 × 120	0.75	13.7	ELXA250LGC154TEC0U
	180,000	76.2 × 140	0.75	16.1	ELXA250LGC184TEE0U
	220,000	89 × 140	1.00	16.6	ELXA250LGC224TFE0U
35	8,200	35 × 80	0.30	3.00	ELXA350LGB822TA80U
	10,000	35 × 80	0.30	3.30	ELXA350LGB103TA80U
	12,000	35 × 80	0.30	3.60	ELXA350LGB123TA80U
	15,000	35 × 80	0.30	4.10	ELXA350LGB153TA80U
	18,000	35 × 100	0.30	4.80	ELXA350LGB183TAA0U
	22,000	35 × 120	0.35	5.20	ELXA350LGB223TAC0U
	27,000	50 × 80	0.40	5.90	ELXA350LGC273TC80U
	33,000	50 × 100	0.40	6.60	ELXA350LGC333TCA0U
	39,000	50 × 120	0.40	7.80	ELXA350LGC393TCC0U
	47,000	50 × 120	0.45	8.00	ELXA350LGC473TCC0U
	56,000	63.5 × 100	0.45	9.20	ELXA350LGC563TDA0U
	68,000	63.5 × 120	0.45	11.0	ELXA350LGC683TDC0U
	82,000	76.2 × 120	0.50	12.7	ELXA350LGC823TEC0U
	100,000	76.2 × 140	0.60	13.5	ELXA350LGC104TEE0U
	120,000	89 × 140	0.60	16.1	ELXA350LGC124TFE0U
50	3,900	35 × 50	0.20	2.00	ELXA500LGB392TA50U
	4,700	35 × 50	0.25	2.20	ELXA500LGB472TA50U
	5,600	35 × 80	0.25	2.80	ELXA500LGB562TA80U
	6,800	35 × 80	0.25	3.00	ELXA500LGB682TA80U
	8,200	35 × 80	0.25	3.30	ELXA500LGB822TA80U
50	10,000	35 × 80	0.25	3.70	ELXA500LGB103TA80U
	12,000	35 × 100	0.25	4.40	ELXA500LGB123TAA0U
	15,000	35 × 120	0.30	4.70	ELXA500LGB153TAC0U
	18,000	50 × 80	0.35	4.80	ELXA500LGC183TC80U
	22,000	50 × 100	0.35	5.90	ELXA500LGC223TCA0U
	27,000	50 × 120	0.35	7.00	ELXA500LGC273TCC0U
	33,000	63.5 × 100	0.40	7.60	ELXA500LGC333TDA0U
	39,000	63.5 × 120	0.40	8.90	ELXA500LGC393TDC0U
	47,000	63.5 × 120	0.40	9.80	ELXA500LGC473TDC0U
	56,000	76.2 × 120	0.40	11.9	ELXA500LGC563TEC0U
	68,000	76.2 × 140	0.45	13.1	ELXA500LGC683TEE0U
	82,000	89 × 140	0.50	14.8	ELXA500LGC823TFE0U
63	2,700	35 × 50	0.15	1.90	ELXA630LGB272TA50U
	3,300	35 × 50	0.15	2.10	ELXA630LGB332TA50U
	3,900	35 × 80	0.20	2.70	ELXA630LGB392TA80U
	4,700	35 × 80	0.20	2.90	ELXA630LGB472TA80U
	5,600	35 × 80	0.20	3.20	ELXA630LGB562TA80U
	6,800	35 × 80	0.20	3.50	ELXA630LGB682TA80U
	8,200	35 × 100	0.20	4.20	ELXA630LGB822TAA0U
	10,000	35 × 120	0.25	4.30	ELXA630LGB103TAC0U
	12,000	50 × 80	0.25	4.80	ELXA630LGC123TC80U
	15,000	50 × 100	0.25	5.90	ELXA630LGC153TCA0U
	18,000	50 × 120	0.25	6.30	ELXA630LGC183TCC0U
	22,000	50 × 120	0.30	6.70	ELXA630LGC223TCC0U
	27,000	63.5 × 120	0.30	8.80	ELXA630LGC273TDC0U
	33,000	76.2 × 100	0.30	10.0	ELXA630LGC333TEA0U
	39,000	76.2 × 120	0.35	10.7	ELXA630LGC393TEC0U
	47,000	76.2 × 140	0.35	12.5	ELXA630LGC473TEE0U
80	2,200	35 × 50	0.15	1.90	ELXA800LGB222TA50U
	2,700	35 × 80	0.15	2.20	ELXA800LGB272TA80U
	3,300	35 × 80	0.15	2.50	ELXA800LGB332TA80U
	3,900	35 × 80	0.15	2.90	ELXA800LGB392TA80U
	4,700	35 × 100	0.15	3.10	ELXA800LGB472TAA0U
	5,600	35 × 100	0.15	3.50	ELXA800LGB562TAA0U
	6,800	35 × 120	0.20	4.10	ELXA800LGB682TAC0U
	8,200	50 × 80	0.20	4.80	ELXA800LGC822TC80U
	10,000	50 × 100	0.20	5.60	ELXA800LGC103TCA0U
	12,000	50 × 100	0.20	6.10	ELXA800LGC123TCA0U
	15,000	50 × 120	0.20	7.40	ELXA800LGC153TCC0U
	18,000	63.5 × 120	0.25	8.00	ELXA800LGC183TDC0U
	22,000	76.2 × 100	0.25	9.10	ELXA800LGC223TEA0U
	27,000	76.2 × 120	0.30	9.70	ELXA800LGC273TEC0U
	33,000	76.2 × 140	0.30	11.5	ELXA800LGC333TEE0U
	39,000	89 × 140	0.35	12.5	ELXA800LGC393TFE0U
100	1,200	35 × 50	0.15	1.40	ELXA101LGB122TA50U
	1,500	35 × 80	0.15	1.60	ELXA101LGB152TA80U
	1,800	35 × 80	0.15	1.80	ELXA101LGB182TA80U
	2,200	35 × 80	0.15	2.00	ELXA101LGB222TA80U
	2,700	35 × 80	0.15	2.40	ELXA101LGB272TA80U
	3,300	35 × 100	0.15	2.80	ELXA101LGB332TAA0U
	3,900	35 × 120	0.15	3.10	ELXA101LGB392TAC0U
	4,700	50 × 80	0.15	3.60	ELXA101LGC472TC80U
	5,600	50 × 100	0.15	4.30	ELXA101LGC562TCA0U
	6,800	50 × 120	0.15	5.00	ELXA101LGC682TCC0U
	8,200	50 × 120	0.15	5.50	ELXA101LGC822TCC0U
	10,000	63.5 × 100	0.15	6.40	ELXA101LGC103TDA0U
	12,000	63.5 × 120	0.20	6.60	ELXA101LGC123TDC0U
	15,000	76.2 × 100	0.20	7.50	ELXA101LGC153TEA0U
	18,000	76.2 × 120	0.25	8.00	ELXA101LGC183TEC0U
	22,000	76.2 × 140	0.25	9.40	ELXA101LGC223TEE0U
160	27,000	89 × 140	0.30	10.4	ELXA101LGC273TFE0U
	680	35 × 50	0.15	1.10	ELXA161LGB681TA50U
	820	35 × 80	0.15	1.20	ELXA161LGB821TA80U
	1,000	35 × 80	0.15	1.30	ELXA161LGB102TA80U
	1,200	35 × 80	0.15	1.50	ELXA161LGB122TA80U
	1,500	35 × 80	0.15	1.70	ELXA161LGB152TA80U

◆STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
160	1,800	35 × 100	0.15	2.00	ELXA161LGB182TAA0U
	2,200	35 × 120	0.15	2.30	ELXA161LGB222TAC0U
	2,700	35 × 120	0.15	2.70	ELXA161LGB272TAC0U
	3,300	50 × 100	0.15	3.30	ELXA161LGC332TCA0U
	3,900	50 × 120	0.15	3.80	ELXA161LGC392TCC0U
	4,700	50 × 120	0.15	4.20	ELXA161LGC472TCC0U
	5,600	50 × 120	0.15	4.70	ELXA161LGC562TCC0U
	6,800	63.5 × 120	0.15	5.70	ELXA161LGC682TDC0U
	8,200	76.2 × 100	0.20	6.40	ELXA161LGC822TEA0U
	10,000	76.2 × 120	0.20	6.60	ELXA161LGC103TEC0U
	12,000	76.2 × 140	0.20	7.80	ELXA161LGC123TEE0U
	15,000	89 × 140	0.20	9.50	ELXA161LGC153TFE0U
200	470	35 × 50	0.15	0.90	ELXA201LGB471TA50U
	560	35 × 80	0.15	1.00	ELXA201LGB561TA80U
	680	35 × 80	0.15	1.10	ELXA201LGB681TA80U
	820	35 × 80	0.15	1.30	ELXA201LGB821TA80U
	1,000	35 × 100	0.15	1.50	ELXA201LGB102TAA0U
	1,200	35 × 120	0.15	1.70	ELXA201LGB122TAC0U
	1,500	35 × 120	0.15	1.90	ELXA201LGB152TAC0U
	1,800	50 × 80	0.15	2.20	ELXA201LGC182TC80U
	2,200	50 × 100	0.15	2.70	ELXA201LGC222TCA0U
	2,700	50 × 120	0.15	3.20	ELXA201LGC272TCC0U
	3,300	50 × 120	0.15	3.50	ELXA201LGC332TCC0U
	3,900	63.5 × 100	0.15	4.00	ELXA201LGC392TDA0U
250	4,700	63.5 × 120	0.15	4.70	ELXA201LGC472TDC0U
	5,600	76.2 × 100	0.15	5.30	ELXA201LGC562TEA0U
	6,800	76.2 × 120	0.15	6.30	ELXA201LGC682TEC0U
	8,200	76.2 × 140	0.20	6.40	ELXA201LGC822TEE0U
	10,000	89 × 140	0.20	7.70	ELXA201LGC103TFE0U
	330	35 × 50	0.15	0.70	ELXA251LGB331TA50U
	390	35 × 80	0.15	0.80	ELXA251LGB391TA80U
	470	35 × 80	0.15	0.90	ELXA251LGB471TA80U
	560	35 × 80	0.15	1.00	ELXA251LGB561TA80U
	680	35 × 100	0.15	1.20	ELXA251LGB681TAA0U
	820	35 × 100	0.15	1.40	ELXA251LGB821TAA0U
	1,000	35 × 120	0.15	1.60	ELXA251LGB102TAC0U
350	1,200	50 × 80	0.15	1.80	ELXA251LGC122TC80U
	1,500	50 × 100	0.15	2.20	ELXA251LGC152TCA0U
	1,800	50 × 120	0.15	2.60	ELXA251LGC182TCC0U
	2,200	50 × 120	0.15	2.80	ELXA251LGC222TCC0U
	2,700	63.5 × 100	0.15	3.30	ELXA251LGC272TDA0U
	3,300	63.5 × 120	0.15	4.00	ELXA251LGC332TDC0U
	3,900	76.2 × 100	0.15	4.40	ELXA251LGC392TEC0U
	4,700	76.2 × 120	0.15	5.20	ELXA251LGC472TEC0U
	5,600	76.2 × 140	0.15	6.10	ELXA251LGC562TEE0U
	6,800	89 × 140	0.15	7.40	ELXA251LGC682TFE0U
	820	50 × 60	0.20	3.30	ELXA351LGC821MC60U
	1,500	50 × 85	0.20	5.20	ELXA351LGC152MC85U
350	2,200	50 × 105	0.20	7.00	ELXA351LGC222MCA5U
	2,700	50 × 125	0.20	8.40	ELXA351LGC272MCC5U
	2,700	63.5 × 85	0.20	8.10	ELXA351LGC272MD85U
	3,300	50 × 145	0.20	9.90	ELXA351LGC332MCE5U
	3,300	63.5 × 105	0.20	9.80	ELXA351LGC332MDA5U
	3,900	63.5 × 125	0.20	11.5	ELXA351LGC392MDC5U
	3,900	76.2 × 85	0.20	10.8	ELXA351LGC392ME85U
	5,600	63.5 × 145	0.20	14.7	ELXA351LGC562MDE5U
	6,800	76.2 × 125	0.20	16.8	ELXA351LGC682MEC5U
	8,200	76.2 × 145	0.20	19.6	ELXA351LGC822MEE5U
	8,200	89 × 125	0.20	18.9	ELXA351LGC822MFC5U
	10,000	76.2 × 190	0.20	23.0	ELXA351LGC103MEK0U
350	10,000	89 × 145	0.20	22.2	ELXA351LGC103MFE5U
	15,000	89 × 190	0.20	30.6	ELXA351LGC153MFK0U
	22,000	89 × 270	0.20	43.5	ELXA351LGC223MFT0U

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Rated ripple current (Arms/ 105°C, 120Hz)	Part No.
400	680	50 × 60	0.20	3.00	ELXA401LGC681MC60U
	1,200	50 × 85	0.20	4.70	ELXA401LGC122MC85U
	1,800	50 × 105	0.20	6.30	ELXA401LGC182MCA5U
	2,200	50 × 125	0.20	7.50	ELXA401LGC222MCC5U
	2,200	63.5 × 85	0.20	7.30	ELXA401LGC222MD85U
	2,700	50 × 145	0.20	8.90	ELXA401LGC272MCE5U
	2,700	63.5 × 105	0.20	8.80	ELXA401LGC272MDA5U
	3,300	63.5 × 125	0.20	10.5	ELXA401LGC332MDC5U
	3,300	76.2 × 85	0.20	9.90	ELXA401LGC332ME85U
	4,700	63.5 × 145	0.20	13.4	ELXA401LGC472MDE5U
	4,700	76.2 × 125	0.20	13.9	ELXA401LGC472MCE5U
	6,800	76.2 × 145	0.20	17.9	ELXA401LGC682MEE5U
450	6,800	89 × 125	0.20	17.2	ELXA401LGC682MFC5U
	8,200	76.2 × 190	0.20	20.8	ELXA401LGC822MEK0U
	8,200	89 × 145	0.20	20.1	ELXA401LGC822MFE5U
	12,000	89 × 190	0.20	27.4	ELXA401LGC123MFK0U
	18,000	89 × 270	0.20	39.4	ELXA401LGC183MFT0U
	560	50 × 60	0.20	2.60	ELXA451LGC561MC60U
	1,000	50 × 85	0.20	4.00	ELXA451LGC102MC85U
	1,200	50 × 105	0.20	4.80	ELXA451LGC122MCA5U
	1,800	50 × 125	0.20	6.40	ELXA451LGC182MCC5U
	1,800	63.5 × 85	0.20	6.20	ELXA451LGC182MD85U
	2,200	50 × 145	0.20	7.60	ELXA451LGC222MCE5U
	2,200	63.5 × 105	0.20	7.50	ELXA451LGC222MDA5U
500	2,700	63.5 × 125	0.20	8.90	ELXA451LGC272MDC5U
	2,700	76.2 × 85	0.20	8.40	ELXA451LGC272ME85U
	3,300	63.5 × 145	0.20	10.6	ELXA451LGC332MDE5U
	3,300	76.2 × 105	0.20	10.2	ELXA451LGC332MEA5U
	3,900	76.2 × 125	0.20	11.9	ELXA451LGC392MEC5U
	4,700	76.2 × 145	0.20	14.0	ELXA451LGC472MEE5U
	5,600	89 × 125	0.20	14.2	ELXA451LGC562MFC5U
	6,800	76.2 × 190	0.20	17.3	ELXA451LGC682MEK0U
	6,800	89 × 145	0.20	16.7	ELXA451LGC682MFE5U
	10,000	89 × 190	0.20	22.8	ELXA451LGC103MFK0U
	15,000	89 × 270	0.20	32.8	ELXA451LGC153MFT0U
	470	50 × 60	0.20	2.40	ELXA501LGC471MC60U
500	820	50 × 85	0.20	3.60	ELXA501LGC821MC85U
	1,000	50 × 105	0.20	4.40	ELXA501LGC102MCA5U
	1,200	50 × 125	0.20	5.20	ELXA501LGC122MCC5U
	1,200	63.5 × 85	0.20	5.00	ELXA501LGC122MD85U
	1,500	50 × 145	0.20	6.30	ELXA501LGC152MCE5U
	1,800	63.5 × 105	0.20	6.80	ELXA501LGC182MDA5U
	2,700	63.5 × 145	0.20	9.60	ELXA501LGC272MFC5U
	2,700	76.2 × 105	0.20	9.20	ELXA501LGC272MEA5U
	3,900	76.2 × 145	0.20	12.7	ELXA501LGC392MEE5U
	3,900	89 × 125	0.20	11.9	ELXA501LGC392MFC5U
	6,800	89 × 190	0.20	18.8	ELXA501LGC682MFK0U
	10,000	89 × 270	0.20	26.8	ELXA501LGC103MFT0U
525	390	50 × 60	0.20	2.20	ELXA5C1LGC391MC60U
	680	50 × 85	0.20	3.30	ELXA5C1LGC681MC85U
	1,000	50 × 125	0.20	4.80	ELXA5C1LGC102MCC5U
	1,500	63.5 × 105	0.20	6.20	ELXA5C1LGC152MDA5U
	1,800	63.5 × 125	0.20	7.30	ELXA5C1LGC182MDC5U
	2,200	63.5 × 145	0.20	8.60	ELXA5C1LGC222MDE5U
	2,200	76.2 × 105	0.20	8.30	ELXA5C1LGC222MEA5U
	2,700	76.2 × 125	0.20	9.90	ELXA5C1LGC272MCE5U
	3,300	76.2 × 145	0.20	11.7	ELXA5C1LGC332MEE5U
	4,700	76.2 × 190	0.20	14.4	ELXA5C1LGC472MEK0U
	4,700	89 × 145	0.20	13.9	ELXA5C1LGC472MFE5U
	5,600	89 × 190	0.20	17.1	ELXA5C1LGC562MFK0U



LXA Series

◆RATED RIPPLE CURRENT MULTIPLIERS

● Frequency Multipliers

Frequency (Hz)	50	120	300	1k	3k	10k	50k
10 to 50V _{dc}	0.95	1.00	1.03	1.05	—	1.09	1.12
63 to 80V _{dc}	0.90	1.00	1.06	1.10	—	1.18	1.22
100 to 250V _{dc}	0.80	1.00	1.12	1.22	—	1.30	1.33
350 to 525V _{dc}	0.80	1.00	1.20	1.50	1.60	—	—

Note : The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5 to 10°C rise. When long life performance is requested in actual use, the rms ripple current has to be reduced. Also, for the LXA series capacitors (350 to 525V_{dc} products), using them at operating voltage can extend their lifetime. For details, please contact a representative of Nippon Chemi-con.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[United Chemi-Con \(UCC\):](#)

[ELX-451LGN822MFK0M](#)