

GU

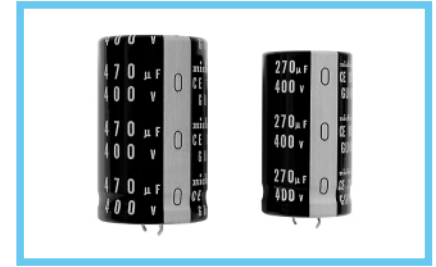
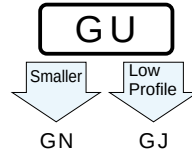
Snap-in Terminal Type, Wide Temperature Range

series



Anti-Solvent
Feature
(Through
100V only)

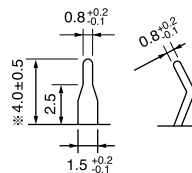
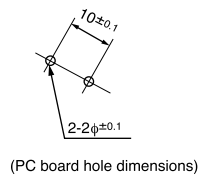
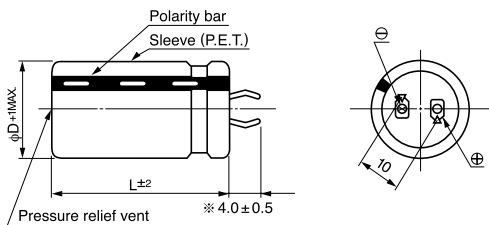
- Withstanding 3000 hours application of rated ripple current at 105°C.
- Adapted to the RoHS directive (2002/95/EC).



Specifications

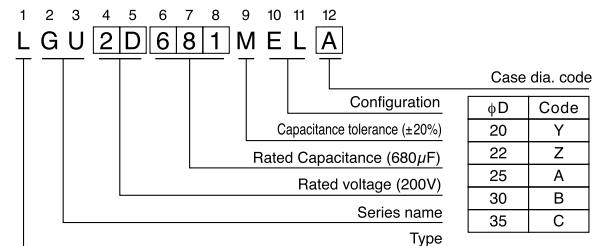
Item	Performance Characteristics								
Category Temperature Range	- 40 ~ + 105°C (16 ~ 250V) , - 25 ~ +105°C (315 ~ 450V)								
Rated Voltage Range	16 ~ 450V								
Rated Capacitance Range	47~ 47000μF								
Capacitance Tolerance	± 20% at 120Hz, 20°C								
Leakage Current	I ≦ 3√CV(μA) (After 5 minutes' application of rated voltage) [C : Rated Capacitance (μF) V : Voltage (V)]								
tan δ	Measurement frequency : 120Hz, Temperature : 20°C								
	Rated voltage(V)	16	25	35	50	63	80・100	160-420	450
	tan δ (MAX.)	0.50	0.40	0.35	0.30	0.25	0.20	0.15	0.20
Stability at Low Temperature	Measurement frequency : 120Hz								
	Rated voltage (V)		16~100		160~250		315~450		
	Impedance ratio	Z - 25°C/Z+20°C		4		3		8	
	ZT/Z20 (MAX.)	Z - 40°C/Z+20°C		20		12		—	
Endurance	After an application of DC voltage(in the range of rated DC voltage even after over-lapping the specified ripple current) for 3000 hours at 105°C, capacitors meet the characteristic requirements listed at right.					Capacitance change		Within ±20% of initial value	
						tan δ		200% or less of initial specified value	
						Leakage current		Initial specified value or less	
Shelf Life	After storing the capacitors under no load at 105°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the characteristic requirements listed at right.					Capacitance change		Within ±15% of initial value	
						tan δ		150% or less of initial specified value	
						Leakage current		Initial specified value or less	
Marking	Printed with white color letter on black sleeve.								

Drawing



※ The other terminal is also available upon request.
Please refer page 237 for schematic of dimensions.

Type numbering system (Example : 200V 680µF)



Frequency coefficient of rated ripple current

Frequency (Hz)	50	60	120	300	1k	10k	50k~
Coeff.	16~100V	0.88	0.90	1.00	1.07	1.15	1.15
	160~250V	0.81	0.85	1.00	1.17	1.32	1.45
	315~450V	0.77	0.82	1.00	1.16	1.30	1.43

Minimum order quantity : 50pcs.

• Dimension table in next page.

■ Dimensions

16V (1C)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
6800	22 × 25	1750	0.50	0.98	LGU1C682MELZ
8200	22 × 30	2000	0.50	1.08	LGU1C822MELZ
10000	22 × 30	2100	0.50	1.20	LGU1C103MELZ
	25 × 25	2050	0.50	1.20	LGU1C103MELA
12000	22 × 35	2310	0.50	1.31	LGU1C123MELZ
	25 × 30	2300	0.50	1.31	LGU1C123MELA
	30 × 25	2380	0.50	1.31	LGU1C123MELB
15000	22 × 40	2680	0.50	1.46	LGU1C153MELZ
	25 × 35	2680	0.50	1.46	LGU1C153MELA
	30 × 30	2570	0.50	1.46	LGU1C153MELB
18000	22 × 45	2980	0.50	1.60	LGU1C183MELZ
	25 × 40	3160	0.50	1.60	LGU1C183MELA
	30 × 30	3000	0.50	1.60	LGU1C183MELB
22000	25 × 45	3400	0.50	1.77	LGU1C223MELA
	30 × 35	3390	0.50	1.77	LGU1C223MELB
	35 × 30	3250	0.50	1.77	LGU1C223MELC
27000	25 × 50	3850	0.50	1.97	LGU1C273MELA
	30 × 40	3830	0.50	1.97	LGU1C273MELB
	35 × 30	3740	0.50	1.97	LGU1C273MELC
33000	30 × 45	4300	0.50	2.17	LGU1C333MELB
	35 × 35	4270	0.50	2.17	LGU1C333MELC
39000	30 × 50	4810	0.50	2.36	LGU1C393MELB
	35 × 40	4800	0.50	2.36	LGU1C393MELC
47000	35 × 45	5530	0.50	2.60	LGU1C473MELC

25V (1E)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
4700	22 × 25	1610	0.40	1.02	LGU1E472MELZ
5600	22 × 30	1800	0.40	1.12	LGU1E562MELZ
6800	22 × 30	1910	0.40	1.23	LGU1E682MELZ
	25 × 25	1910	0.40	1.23	LGU1E682MELA
8200	22 × 35	2140	0.40	1.35	LGU1E822MELZ
	25 × 30	2340	0.40	1.35	LGU1E822MELA
	30 × 25	2250	0.40	1.35	LGU1E822MELB
10000	22 × 40	2650	0.40	1.50	LGU1E103MELZ
	25 × 35	2610	0.40	1.50	LGU1E103MELA
	30 × 30	2610	0.40	1.50	LGU1E103MELB
12000	22 × 45	2690	0.40	1.64	LGU1E123MELZ
	25 × 40	2810	0.40	1.64	LGU1E123MELA
	30 × 30	2740	0.40	1.64	LGU1E123MELB
15000	25 × 45	3270	0.40	1.83	LGU1E153MELA
	30 × 35	3130	0.40	1.83	LGU1E153MELB
	35 × 30	3260	0.40	1.83	LGU1E153MELC
18000	25 × 50	3540	0.40	2.01	LGU1E183MELA
	30 × 40	3560	0.40	2.01	LGU1E183MELB
	35 × 35	3840	0.40	2.01	LGU1E183MELC
22000	30 × 45	4240	0.40	2.22	LGU1E223MELB
	35 × 35	3960	0.40	2.22	LGU1E223MELC
27000	35 × 45	4750	0.40	2.46	LGU1E273MELC
33000	35 × 50	5500	0.40	2.72	LGU1E333MELC

35V (1V)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
3300	22 × 25	1450	0.35	1.01	LGU1V332MELZ
3900	22 × 30	1690	0.35	1.10	LGU1V392MELZ
4700	22 × 35	2020	0.35	1.21	LGU1V472MELZ
	25 × 25	1780	0.35	1.21	LGU1V472MELA
5600	22 × 35	2130	0.35	1.32	LGU1V562MELZ
	25 × 30	2040	0.35	1.32	LGU1V562MELA
	30 × 25	2120	0.35	1.32	LGU1V562MELB
6800	22 × 40	2410	0.35	1.46	LGU1V682MELZ
	25 × 35	2310	0.35	1.46	LGU1V682MELA
	30 × 25	2310	0.35	1.46	LGU1V682MELB
8200	22 × 50	2850	0.35	1.60	LGU1V822MELZ
	25 × 40	2730	0.35	1.60	LGU1V822MELA
	30 × 30	2750	0.35	1.60	LGU1V822MELB
10000	25 × 45	3050	0.35	1.77	LGU1V103MELA
	30 × 35	3050	0.35	1.77	LGU1V103MELB
12000	25 × 50	3370	0.35	1.94	LGU1V123MELA
	30 × 40	3280	0.35	1.94	LGU1V123MELB
	35 × 30	3200	0.35	1.94	LGU1V123MELC
15000	30 × 45	3740	0.35	2.17	LGU1V153MELB
	35 × 35	3690	0.35	2.17	LGU1V153MELC
18000	35 × 40	4370	0.35	2.38	LGU1V183MELC
22000	35 × 50	4920	0.35	2.63	LGU1V223MELC

50V (1H)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
1800	22 × 25	1340	0.30	0.90	LGU1H182MELZ
2700	22 × 30	1700	0.30	1.10	LGU1H272MELZ
	25 × 25	1700	0.30	1.10	LGU1H272MELA
3300	22 × 35	1980	0.30	1.21	LGU1H332MELZ
	25 × 30	2000	0.30	1.21	LGU1H332MELA
3900	22 × 40	2250	0.30	1.32	LGU1H392MELZ
	25 × 30	2280	0.30	1.32	LGU1H392MELA
	30 × 25	2220	0.30	1.32	LGU1H392MELB
4700	22 × 45	2560	0.30	1.45	LGU1H472MELZ
	25 × 35	2610	0.30	1.45	LGU1H472MELA
	30 × 30	2580	0.30	1.45	LGU1H472MELB
5600	22 × 50	2890	0.30	1.58	LGU1H562MELZ
	25 × 40	2810	0.30	1.58	LGU1H562MELA
	30 × 30	2950	0.30	1.58	LGU1H562MELB
6800	25 × 45	3370	0.30	1.74	LGU1H682MELA
	30 × 35	3390	0.30	1.74	LGU1H682MELB
	35 × 30	3310	0.30	1.74	LGU1H682MELC
8200	30 × 40	3710	0.30	1.92	LGU1H822MELB
	35 × 35	3660	0.30	1.92	LGU1H822MELC
10000	30 × 50	4090	0.30	2.12	LGU1H103MELB
	35 × 40	4070	0.30	2.12	LGU1H103MELC
12000	35 × 45	4560	0.30	2.32	LGU1H123MELC
15000	35 × 50	4770	0.30	2.59	LGU1H153MELC

Rated Ripple (mArms) at 105°C 120Hz

■ Dimensions

63V (1J)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
1200	22 × 25	1250	0.25	0.82	LGU1J122MELZ
1500	22 × 30	1470	0.25	0.92	LGU1J152MELZ
	25 × 25	1440	0.25	0.92	LGU1J152MELA
1800	22 × 30	1580	0.25	1.01	LGU1J182MELZ
	25 × 25	1520	0.25	1.01	LGU1J182MELA
2200	22 × 35	1820	0.25	1.11	LGU1J222MELZ
	25 × 30	1750	0.25	1.11	LGU1J222MELA
2700	22 × 40	2070	0.25	1.23	LGU1J272MELZ
	25 × 35	2110	0.25	1.23	LGU1J272MELA
	30 × 25	1930	0.25	1.23	LGU1J272MELB
3300	22 × 45	2330	0.25	1.36	LGU1J332MELZ
	25 × 35	2270	0.25	1.36	LGU1J332MELA
	30 × 30	2240	0.25	1.36	LGU1J332MELB
3900	25 × 40	2540	0.25	1.48	LGU1J392MELA
	30 × 35	2550	0.25	1.48	LGU1J392MELB
4700	25 × 50	2970	0.25	1.63	LGU1J472MELA
	30 × 40	2900	0.25	1.63	LGU1J472MELB
	35 × 30	2830	0.25	1.63	LGU1J472MELC
5600	30 × 40	3280	0.25	1.78	LGU1J562MELB
	35 × 35	3240	0.25	1.78	LGU1J562MELC
6800	30 × 50	3730	0.25	1.96	LGU1J682MELB
	35 × 40	3710	0.25	1.96	LGU1J682MELC
8200	35 × 45	4160	0.25	2.15	LGU1J822MELC
10000	35 × 50	4690	0.25	2.38	LGU1J103MELC

80V (1K)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
820	22 × 25	1110	0.20	0.76	LGU1K821MELZ
1000	22 × 25	1290	0.20	0.84	LGU1K102MELZ
1200	22 × 30	1440	0.20	0.92	LGU1K122MELZ
	25 × 25	1390	0.20	0.92	LGU1K122MELA
1500	22 × 30	1610	0.20	1.03	LGU1K152MELZ
	25 × 25	1620	0.20	1.03	LGU1K152MELA
1800	22 × 35	1830	0.20	1.13	LGU1K182MELZ
	25 × 30	1860	0.20	1.13	LGU1K182MELA
	30 × 25	1810	0.20	1.13	LGU1K182MELB
2200	22 × 40	2090	0.20	1.25	LGU1K222MELZ
	25 × 35	2010	0.20	1.25	LGU1K222MELA
	30 × 25	2100	0.20	1.25	LGU1K222MELB
2700	25 × 40	2430	0.20	1.39	LGU1K272MELA
	30 × 30	2430	0.20	1.39	LGU1K272MELB
3300	25 × 45	2760	0.20	1.54	LGU1K332MELA
	30 × 35	2780	0.20	1.54	LGU1K332MELB
	35 × 30	2710	0.20	1.54	LGU1K332MELC
3900	25 × 50	2920	0.20	1.67	LGU1K392MELA
	30 × 40	3120	0.20	1.67	LGU1K392MELB
	35 × 30	3070	0.20	1.67	LGU1K392MELC
4700	30 × 45	3520	0.20	1.83	LGU1K472MELB
	35 × 35	3500	0.20	1.83	LGU1K472MELC
5600	30 × 50	3800	0.20	2.00	LGU1K562MELB
	35 × 40	3870	0.20	2.00	LGU1K562MELC
6800	35 × 45	4190	0.20	2.21	LGU1K682MELC

100V (2A)					
Cap. (μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
560	22 × 25	1070	0.20	0.70	LGU2A561MELZ
820	22 × 30	1350	0.20	0.85	LGU2A821MELZ
	25 × 25	1350	0.20	0.85	LGU2A821MELA
1000	22 × 30	1540	0.20	0.94	LGU2A102MELZ
	25 × 30	1560	0.20	0.94	LGU2A102MELA
1200	22 × 40	1740	0.20	1.03	LGU2A122MELZ
	25 × 30	1760	0.20	1.03	LGU2A122MELA
	30 × 25	1710	0.20	1.03	LGU2A122MELB
1500	22 × 45	1990	0.20	1.16	LGU2A152MELZ
	25 × 35	2030	0.20	1.16	LGU2A152MELA
	30 × 30	2000	0.20	1.16	LGU2A152MELB
1800	25 × 40	2280	0.20	1.27	LGU2A182MELA
	30 × 35	2270	0.20	1.27	LGU2A182MELB
2200	25 × 50	2570	0.20	1.40	LGU2A222MELA
	30 × 35	2590	0.20	1.40	LGU2A222MELB
	35 × 30	2520	0.20	1.40	LGU2A222MELC
2700	30 × 45	2940	0.20	1.55	LGU2A272MELB
	35 × 35	2900	0.20	1.55	LGU2A272MELC
3300	30 × 50	3320	0.20	1.72	LGU2A332MELB
	35 × 40	3310	0.20	1.72	LGU2A332MELC
3900	35 × 45	3690	0.20	1.87	LGU2A392MELC
4700	35 × 50	4140	0.20	2.05	LGU2A472MELC

160V (2C)					
Cap.(μ F)	Size ϕ D×L(mm)	Rated ripple (mA)	$\tan \delta$	Leakage Current (mA)	Code
270	20 × 25	1100	0.15	0.62	LGU2C271MELY
330	20 × 30	1200	0.15	0.68	LGU2C331MELY
390	20 × 30	1300	0.15	0.74	LGU2C391MELY
	22 × 25	1300	0.15	0.74	LGU2C391MELZ
470	20 × 35	1340	0.15	0.82	LGU2C471MELY
	22 × 30	1550	0.15	0.82	LGU2C471MELZ
	25 × 25	1550	0.15	0.82	LGU2C471MELA
560	20 × 40	1500	0.15	0.89	LGU2C561MELY
	22 × 35	1670	0.15	0.89	LGU2C561MELZ
	25 × 30	1670	0.15	0.89	LGU2C561MELA
	30 × 25	1670	0.15	0.89	LGU2C561MELB
680	20 × 45	1700	0.15	0.98	LGU2C681MELY
	22 × 40	1820	0.15	0.98	LGU2C681MELZ
	25 × 30	1820	0.15	0.98	LGU2C681MELA
	30 × 25	1820	0.15	0.98	LGU2C681MELB
820	22 × 45	2040	0.15	1.08	LGU2C821MELZ
	25 × 35	2040	0.15	1.08	LGU2C821MELA
	30 × 30	2040	0.15	1.08	LGU2C821MELB
	35 × 25	2040	0.15	1.08	LGU2C821MELC
1000	22 × 50	2250	0.15	1.20	LGU2C102MELZ
	25 × 40	2250	0.15	1.20	LGU2C102MELA
	30 × 30	2250	0.15	1.20	LGU2C102MELB
	35 × 25	2250	0.15	1.20	LGU2C102MELC
1200	25 × 45	2490	0.15	1.31	LGU2C122MELA
	30 × 35	2490	0.15	1.31	LGU2C122MELB
	35 × 30	2490	0.15	1.31	LGU2C122MELC
1500	30 × 40	2840	0.15	1.46	LGU2C152MELB
	35 × 30	2840	0.15	1.46	LGU2C152MELC
1800	30 × 45	3320	0.15	1.60	LGU2C182MELB
	35 × 35	3000	0.15	1.60	LGU2C182MELC
2200	35 × 45	3500	0.15	1.77	LGU2C222MELC
2700	35 × 50	4000	0.15	1.97	LGU2C272MELC

Rated Ripple(mArms) at 105°C 120Hz

■ Dimensions

180V (2Z)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
220	20 × 25	1000	0.15	0.59	LGU2Z221MELY
270	20 × 30	1100	0.15	0.66	LGU2Z271MELY
330	20 × 30	1200	0.15	0.73	LGU2Z331MELY
	22 × 25	1200	0.15	0.73	LGU2Z331MELZ
390	20 × 35	1300	0.15	0.79	LGU2Z391MELY
	22 × 30	1350	0.15	0.79	LGU2Z391MELZ
	25 × 25	1350	0.15	0.79	LGU2Z391MELA
470	20 × 40	1400	0.15	0.87	LGU2Z471MELY
	22 × 35	1500	0.15	0.87	LGU2Z471MELZ
	25 × 30	1500	0.15	0.87	LGU2Z471MELA
	30 × 25	1500	0.15	0.87	LGU2Z471MELB
560	20 × 45	1550	0.15	0.95	LGU2Z561MELY
	22 × 40	1670	0.15	0.95	LGU2Z561MELZ
	25 × 30	1670	0.15	0.95	LGU2Z561MELA
	30 × 25	1670	0.15	0.95	LGU2Z561MELB
680	22 × 45	1780	0.15	1.04	LGU2Z681MELZ
	25 × 35	1780	0.15	1.04	LGU2Z681MELA
	30 × 30	1780	0.15	1.04	LGU2Z681MELB
	35 × 25	1780	0.15	1.04	LGU2Z681MELC
820	22 × 50	2040	0.15	1.15	LGU2Z821MELZ
	25 × 40	2040	0.15	1.15	LGU2Z821MELA
	30 × 30	2040	0.15	1.15	LGU2Z821MELB
	35 × 25	2040	0.15	1.15	LGU2Z821MELC
1000	25 × 45	2300	0.15	1.27	LGU2Z102MELA
	30 × 35	2300	0.15	1.27	LGU2Z102MELB
	35 × 30	2300	0.15	1.27	LGU2Z102MELC
	25 × 50	2550	0.15	1.39	LGU2Z122MELA
1200	30 × 40	2550	0.15	1.39	LGU2Z122MELB
	35 × 30	2550	0.15	1.39	LGU2Z122MELC
1500	30 × 45	2900	0.15	1.55	LGU2Z152MELB
	35 × 35	2900	0.15	1.55	LGU2Z152MELC
1800	35 × 45	3300	0.15	1.70	LGU2Z182MELC
2200	35 × 50	3650	0.15	1.88	LGU2Z222MELC

200V (2D)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
220	20 × 25	1000	0.15	0.62	LGU2D221MELY
270	20 × 30	1100	0.15	0.69	LGU2D271MELY
	22 × 25	1100	0.15	0.69	LGU2D271MELZ
330	20 × 35	1200	0.15	0.77	LGU2D331MELY
	22 × 30	1250	0.15	0.77	LGU2D331MELZ
	25 × 25	1250	0.15	0.77	LGU2D331MELA
390	20 × 40	1310	0.15	0.83	LGU2D391MELY
	22 × 30	1350	0.15	0.83	LGU2D391MELZ
	25 × 25	1350	0.15	0.83	LGU2D391MELA
470	20 × 45	1450	0.15	0.91	LGU2D471MELY
	22 × 35	1500	0.15	0.91	LGU2D471MELZ
	25 × 30	1500	0.15	0.91	LGU2D471MELA
	30 × 25	1500	0.15	0.91	LGU2D471MELB
560	20 × 50	1580	0.15	1.00	LGU2D561MELY
	22 × 40	1670	0.15	1.00	LGU2D561MELZ
	25 × 30	1670	0.15	1.00	LGU2D561MELA
	30 × 25	1670	0.15	1.00	LGU2D561MELB
680	22 × 45	1780	0.15	1.10	LGU2D681MELZ
	25 × 35	1780	0.15	1.10	LGU2D681MELA
	30 × 30	1780	0.15	1.10	LGU2D681MELB
	35 × 25	1780	0.15	1.10	LGU2D681MELC
820	25 × 45	2040	0.15	1.21	LGU2D821MELA
	30 × 30	2040	0.15	1.21	LGU2D821MELB
	35 × 25	2040	0.15	1.21	LGU2D821MELC
	25 × 50	2300	0.15	1.34	LGU2D102MELA
1000	30 × 35	2300	0.15	1.34	LGU2D102MELB
	35 × 30	2300	0.15	1.34	LGU2D102MELC
1200	30 × 40	2650	0.15	1.46	LGU2D122MELB
	35 × 35	2650	0.15	1.46	LGU2D122MELC
1500	30 × 50	3080	0.15	1.64	LGU2D152MELB
	35 × 40	3080	0.15	1.64	LGU2D152MELC
1800	35 × 45	3480	0.15	1.80	LGU2D182MELC
2200	35 × 50	3780	0.15	1.98	LGU2D222MELC

220V (2P)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
180	20 × 25	900	0.15	0.59	LGU2P181MELY
220	20 × 30	1000	0.15	0.66	LGU2P221MELY
	22 × 25	1000	0.15	0.66	LGU2P221MELZ
270	20 × 35	1150	0.15	0.73	LGU2P271MELY
	22 × 30	1150	0.15	0.73	LGU2P271MELZ
330	20 × 40	1250	0.15	0.80	LGU2P331MELY
	22 × 35	1250	0.15	0.80	LGU2P331MELZ
	25 × 25	1250	0.15	0.80	LGU2P331MELA
390	20 × 45	1400	0.15	0.87	LGU2P391MELY
	22 × 35	1400	0.15	0.87	LGU2P391MELZ
	25 × 30	1400	0.15	0.87	LGU2P391MELA
470	20 × 50	1450	0.15	0.96	LGU2P471MELY
	22 × 40	1450	0.15	0.96	LGU2P471MELZ
	25 × 35	1450	0.15	0.96	LGU2P471MELA
	30 × 25	1450	0.15	0.96	LGU2P471MELB
560	22 × 45	1700	0.15	1.05	LGU2P561MELZ
	25 × 40	1700	0.15	1.05	LGU2P561MELA
	30 × 30	1700	0.15	1.05	LGU2P561MELB
680	25 × 45	1780	0.15	1.16	LGU2P681MELA
	30 × 35	1780	0.15	1.16	LGU2P681MELB
	35 × 25	1780	0.15	1.16	LGU2P681MELC
820	25 × 50	2100	0.15	1.27	LGU2P821MELA
	30 × 40	2100	0.15	1.27	LGU2P821MELB
	35 × 30	2100	0.15	1.27	LGU2P821MELC
1000	30 × 45	2400	0.15	1.40	LGU2P102MELB
	35 × 35	2400	0.15	1.40	LGU2P102MELC
1200	30 × 50	2600	0.15	1.54	LGU2P122MELB
	35 × 40	2600	0.15	1.54	LGU2P122MELC
1500	35 × 45	3000	0.15	1.72	LGU2P152MELC

250V (2E)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
150	20 × 25	790	0.15	0.58	LGU2E151MELY
180	20 × 30	900	0.15	0.63	LGU2E181MELY
220	20 × 30	1000	0.15	0.70	LGU2E221MELY
	22 × 25	1000	0.15	0.70	LGU2E221MELZ
270	20 × 35	1100	0.15	0.77	LGU2E271MELY
	22 × 35	1180	0.15	0.77	LGU2E271MELZ
	25 × 25	1180	0.15	0.77	LGU2E271MELA
330	20 × 40	1200	0.15	0.86	LGU2E331MELY
	22 × 40	1300	0.15	0.86	LGU2E331MELZ
	25 × 30	1300	0.15	0.86	LGU2E331MELA
	30 × 25	1300	0.15	0.86	LGU2E331MELB
390	20 × 50	1450	0.15	0.93	LGU2E391MELY
	22 × 45	1490	0.15	0.93	LGU2E391MELZ
	25 × 35	1490	0.15	0.93	LGU2E391MELA
	30 × 25	1490	0.15	0.93	LGU2E391MELB
470	22 × 50	1650	0.15	1.02	LGU2E471MELZ
	25 × 40	1650	0.15	1.02	LGU2E471MELA
	30 × 30	1650	0.15	1.02	LGU2E471MELB
	35 × 25	1650	0.15	1.02	LGU2E471MELC
560	25 × 45	1800	0.15	1.12	LGU2E561MELA
	30 × 35	1800	0.15	1.12	LGU2E561MELB
	35 × 25	1800	0.15	1.12	LGU2E561MELC
680	25 × 50	2000	0.15	1.23	LGU2E681MELA
	30 × 40	2000	0.15	1.23	LGU2E681MELB
	35 × 30	2000	0.15	1.23	LGU2E681MELC
820	30 × 45	2300	0.15	1.35	LGU2E821MELB
	35 × 35	2300	0.15	1.35	LGU2E821MELC
1000	30 × 50	2470	0.15	1.50	LGU2E102MELB
	35 × 40	2470	0.15	1.50	LGU2E102MELC
1200	35 × 45	2600	0.15	1.64	LGU2E122MELC
1500	35 × 50	3000	0.15	1.83	LGU2E152MELC

Rated Ripple (mA) at 105°C 120Hz

■ Dimensions

315V (2F)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
82	20 × 25	640	0.15	0.48	LGU2F820MELY
100	20 × 30	690	0.15	0.53	LGU2F101MELY
120	20 × 30	750	0.15	0.58	LGU2F121MELY
	22 × 25	750	0.15	0.58	LGU2F121MELZ
150	20 × 35	820	0.15	0.65	LGU2F151MELY
	22 × 30	820	0.15	0.65	LGU2F151MELZ
	25 × 25	820	0.15	0.65	LGU2F151MELA
180	20 × 40	900	0.15	0.71	LGU2F181MELY
	22 × 35	920	0.15	0.71	LGU2F181MELZ
	25 × 25	920	0.15	0.71	LGU2F181MELA
220	20 × 50	1000	0.15	0.78	LGU2F221MELY
	22 × 40	1040	0.15	0.78	LGU2F221MELZ
	25 × 30	1040	0.15	0.78	LGU2F221MELA
	30 × 25	1040	0.15	0.78	LGU2F221MELB
270	22 × 45	1160	0.15	0.87	LGU2F271MELZ
	25 × 35	1160	0.15	0.87	LGU2F271MELA
	30 × 25	1160	0.15	0.87	LGU2F271MELB
330	22 × 50	1330	0.15	0.96	LGU2F331MELZ
	25 × 40	1330	0.15	0.96	LGU2F331MELA
	30 × 30	1330	0.15	0.96	LGU2F331MELB
	35 × 25	1330	0.15	0.96	LGU2F331MELC
390	25 × 45	1470	0.15	1.05	LGU2F391MELA
	30 × 35	1470	0.15	1.05	LGU2F391MELB
	35 × 30	1470	0.15	1.05	LGU2F391MELC
470	25 × 50	1700	0.15	1.15	LGU2F471MELA
	30 × 40	1700	0.15	1.15	LGU2F471MELB
	35 × 30	1700	0.15	1.15	LGU2F471MELC
560	30 × 45	2050	0.15	1.26	LGU2F561MELB
	35 × 35	2050	0.15	1.26	LGU2F561MELC
680	30 × 50	2170	0.15	1.38	LGU2F681MELB
	35 × 40	2170	0.15	1.38	LGU2F681MELC
820	35 × 45	2200	0.15	1.52	LGU2F821MELC

400V (2G)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
56	20 × 25	510	0.15	0.44	LGU2G560MELY
68	20 × 30	560	0.15	0.49	LGU2G680MELY
82	20 × 30	640	0.15	0.54	LGU2G820MELY
	22 × 25	640	0.15	0.54	LGU2G820MELZ
100	20 × 35	700	0.15	0.60	LGU2G101MELY
	22 × 30	700	0.15	0.60	LGU2G101MELZ
	25 × 25	700	0.15	0.60	LGU2G101MELA
120	20 × 40	750	0.15	0.65	LGU2G121MELY
	22 × 35	750	0.15	0.65	LGU2G121MELZ
	25 × 25	750	0.15	0.65	LGU2G121MELA
150	20 × 45	830	0.15	0.73	LGU2G151MELY
	22 × 40	880	0.15	0.73	LGU2G151MELZ
	25 × 30	880	0.15	0.73	LGU2G151MELA
	30 × 25	880	0.15	0.73	LGU2G151MELB
180	22 × 45	980	0.15	0.80	LGU2G181MELZ
	25 × 35	980	0.15	0.80	LGU2G181MELA
	30 × 30	980	0.15	0.80	LGU2G181MELB
	35 × 25	980	0.15	0.80	LGU2G181MELC
220	22 × 50	1100	0.15	0.88	LGU2G221MELZ
	25 × 40	1100	0.15	0.88	LGU2G221MELA
	30 × 30	1100	0.15	0.88	LGU2G221MELB
	35 × 25	1100	0.15	0.88	LGU2G221MELC
270	25 × 45	1220	0.15	0.98	LGU2G271MELA
	30 × 35	1220	0.15	0.98	LGU2G271MELB
	35 × 30	1220	0.15	0.98	LGU2G271MELC
330	25 × 50	1440	0.15	1.08	LGU2G331MELA
	30 × 40	1440	0.15	1.08	LGU2G331MELB
	35 × 30	1440	0.15	1.08	LGU2G331MELC
390	30 × 45	1600	0.15	1.18	LGU2G391MELB
	35 × 35	1600	0.15	1.18	LGU2G391MELC
470	30 × 50	1900	0.15	1.30	LGU2G471MELB
	35 × 40	1900	0.15	1.30	LGU2G471MELC
560	35 × 45	2120	0.15	1.41	LGU2G561MELC

420V (W6)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
56	20 × 25	510	0.15	0.46	LGUW6560MELY
68	20 × 30	560	0.15	0.50	LGUW6680MELY
82	20 × 35	640	0.15	0.55	LGUW6820MELY
	22 × 25	640	0.15	0.55	LGUW6820MELZ
100	20 × 35	700	0.15	0.61	LGUW6101MELY
	22 × 30	700	0.15	0.61	LGUW6101MELZ
	25 × 25	700	0.15	0.61	LGUW6101MELA
120	20 × 40	750	0.15	0.67	LGUW6121MELY
	22 × 35	750	0.15	0.67	LGUW6121MELZ
	25 × 30	750	0.15	0.67	LGUW6121MELA
150	20 × 50	880	0.15	0.75	LGUW6151MELY
	22 × 40	880	0.15	0.75	LGUW6151MELZ
	25 × 35	880	0.15	0.75	LGUW6151MELA
	30 × 25	880	0.15	0.75	LGUW6151MELB
180	22 × 45	950	0.15	0.82	LGUW6181MELZ
	25 × 35	950	0.15	0.82	LGUW6181MELA
	30 × 30	950	0.15	0.82	LGUW6181MELB
220	22 × 50	1100	0.15	0.91	LGUW6221MELZ
	25 × 45	1100	0.15	0.91	LGUW6221MELA
	30 × 35	1100	0.15	0.91	LGUW6221MELB
	35 × 25	1100	0.15	0.91	LGUW6221MELC
270	25 × 50	1220	0.15	1.01	LGUW6271MELA
	30 × 40	1220	0.15	1.01	LGUW6271MELB
	35 × 30	1220	0.15	1.01	LGUW6271MELC
330	30 × 45	1450	0.15	1.11	LGUW6331MELB
	35 × 35	1450	0.15	1.11	LGUW6331MELC
390	30 × 50	1550	0.15	1.21	LGUW6391MELB
	35 × 40	1550	0.15	1.21	LGUW6391MELC
470	35 × 45	1900	0.15	1.33	LGUW6471MELC
560	35 × 50	2150	0.15	1.45	LGUW6561MELC

450V (2W)					
Cap.(μF)	Size φD×L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	Code
47	20 × 25	390	0.20	0.43	LGU2W470MELY
56	20 × 30	510	0.20	0.47	LGU2W560MELY
68	20 × 35	560	0.20	0.52	LGU2W680MELY
82	20 × 35	640	0.20	0.57	LGU2W820MELY
	22 × 30	640	0.20	0.57	LGU2W820MELZ
	25 × 25	640	0.20	0.57	LGU2W820MELA
100	20 × 45	690	0.20	0.63	LGU2W101MELY
	22 × 35	690	0.20	0.63	LGU2W101MELZ
	25 × 30	690	0.20	0.63	LGU2W101MELA
120	20 × 50	750	0.20	0.69	LGU2W121MELY
	22 × 40	800	0.20	0.69	LGU2W121MELZ
	25 × 30	800	0.20	0.69	LGU2W121MELA
	30 × 25	800	0.20	0.69	LGU2W121MELB
150	22 × 45	880	0.20	0.77	LGU2W151MELZ
	25 × 35	880	0.20	0.77	LGU2W151MELA
	30 × 30	880	0.20	0.77	LGU2W151MELB
180	22 × 50	1000	0.20	0.85	LGU2W181MELZ
	25 × 40	1000	0.20	0.85	LGU2W181MELA
	30 × 30	1000	0.20	0.85	LGU2W181MELB
	25 × 45	1120	0.20	0.94	LGU2W221MELA
220	30 × 35	1120	0.20	0.94	LGU2W221MELB
	35 × 30	1120	0.20	0.94	LGU2W221MELC
270	30 × 40	1280	0.20	1.04	LGU2W271MELB
	35 × 35	1280	0.20	1.04	LGU2W271MELC
330	30 × 50	1450	0.20	1.15	LGU2W331MELB
	35 × 40	1450	0.20	1.15	LGU2W331MELC
390	35 × 40	1500	0.20	1.25	LGU2W391MELC
470	35 × 50	1850	0.20	1.37	LGU2W471MELC

Rated Ripple (mA) at 105°C 120Hz