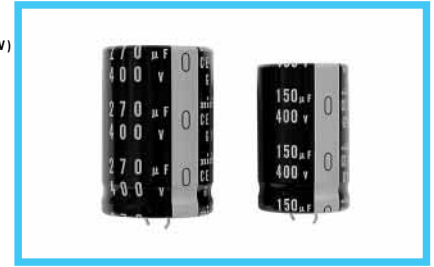


## GY series

Snap-in Terminal Type, Long Life, Wide Temperature Range



- Long life assurance series withstanding 5000, 7000 hours application of ripple current at 105°C.
- Suited for use in industrial power supplies applications where high reliability and dependable performance are the most important.
- Suited for ballast application.

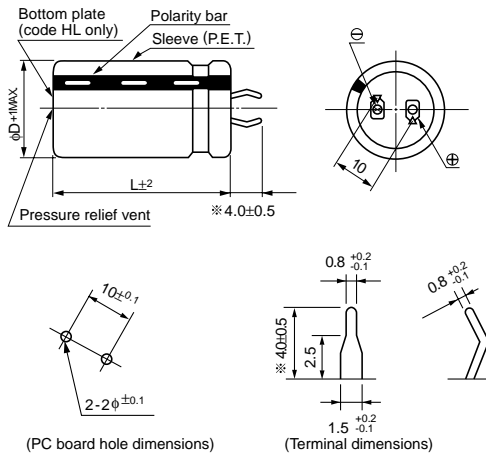


**GY** ← Long Life **GU**

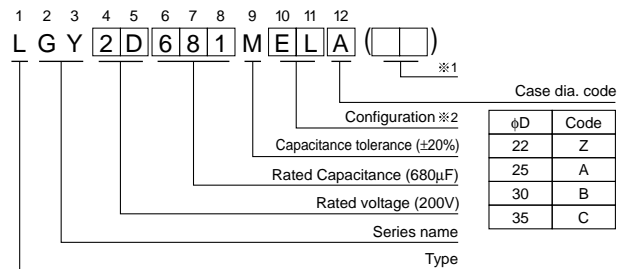
### Specifications

Item	Performance Characteristics								
Category Temperature Range	- 40 ~ +105°C (16~250V), - 25 ~ +105°C (315 ~ 450V)								
Rated Voltage Range	16 ~ 450V								
Rated Capacitance Range	39 ~ 47000μF								
Capacitance Tolerance	±20% at 120Hz, 20°C								
Leakage Current	$I \leq 3\sqrt{CV}$ (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 ~ 400	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 7000 hours (16 ~ 100V : 5000 hours) at 105°C, capacitors meet the characteristic requirements listed at right.								
	Capacitance change	Within ±25% of initial value							
	tan δ	250% or less of initial specified value							
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the requirements listed at right.								
	Capacitance change	Within ±15% of initial value							
	tan δ	150% or less of initial specified value							
Marking	Printed with white color letter on black sleeve.								
	Leakage current	Initial specified value or less							

### Drawing



### Type numbering system (Example : 200V 680μF)



※1 16 ~ 100V products : Case height code

※2 Configuration

Pb-free terminal	Sn-Pb finished terminal
Pb-free PET sleeve (Black)	PVC sleeve (containing Pb) (Dark Brown)
EL	HL

※ Please contact to us if other configurations are required.

※ The other terminal is also available upon request.  
Please refer page 202 for schematic of dimensions.

Minimum order quantity : 50pcs.

● Dimension table in next page.



## ■ Dimensions

16V (1C)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
<b>6800</b>	22 × 25	1800	0.50	0.98	LGY1C682MELZ25
<b>8200</b>	22 × 30	2000	0.50	1.08	LGY1C822MELZ30
<b>10000</b>	22 × 30	2200	0.50	1.20	LGY1C103MELZ30
	25 × 25	2200	0.50	1.20	LGY1C103MELA25
<b>12000</b>	22 × 35	2400	0.50	1.31	LGY1C123MELZ35
	25 × 30	2400	0.50	1.31	LGY1C123MELA30
	30 × 25	2400	0.50	1.31	LGY1C123MELB25
<b>15000</b>	22 × 40	2700	0.50	1.46	LGY1C153MELZ40
	25 × 35	2700	0.50	1.46	LGY1C153MELA35
	30 × 30	2700	0.50	1.46	LGY1C153MELB30
<b>18000</b>	22 × 50	3000	0.50	1.60	LGY1C183MELZ50
	25 × 40	3000	0.50	1.60	LGY1C183MELA40
	30 × 30	3000	0.50	1.60	LGY1C183MELB30
<b>22000</b>	25 × 45	3300	0.50	1.77	LGY1C223MELA45
	30 × 35	3300	0.50	1.77	LGY1C223MELB35
	35 × 30	3300	0.50	1.77	LGY1C223MELC30
<b>27000</b>	25 × 50	3600	0.50	1.97	LGY1C273MELA50
	30 × 40	3600	0.50	1.97	LGY1C273MELB40
	35 × 30	3600	0.50	1.97	LGY1C273MELC30
<b>33000</b>	30 × 45	4000	0.50	2.17	LGY1C333MELB45
	35 × 35	4000	0.50	2.17	LGY1C333MELC35
<b>39000</b>	30 × 50	4300	0.50	2.36	LGY1C393MELB50
	35 × 40	4300	0.50	2.36	LGY1C393MELC40
<b>47000</b>	35 × 45	4700	0.50	2.60	LGY1C473MELC45

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code

25V (1E)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
<b>4700</b>	22 × 25	1600	0.40	1.02	LGY1E472MELZ25
<b>5600</b>	22 × 30	1800	0.40	1.12	LGY1E562MELZ30
<b>6800</b>	22 × 30	1900	0.40	1.23	LGY1E682MELZ30
	25 × 25	1900	0.40	1.23	LGY1E682MELA25
<b>8200</b>	22 × 35	2100	0.40	1.35	LGY1E822MELZ35
	25 × 30	2100	0.40	1.35	LGY1E822MELA30
	30 × 25	2100	0.40	1.35	LGY1E822MELB25
<b>10000</b>	22 × 40	2300	0.40	1.50	LGY1E103MELZ40
	25 × 35	2300	0.40	1.50	LGY1E103MELA35
	30 × 30	2300	0.40	1.50	LGY1E103MELB30
<b>12000</b>	22 × 45	2600	0.40	1.64	LGY1E123MELZ45
	25 × 40	2600	0.40	1.64	LGY1E123MELA40
	30 × 30	2600	0.40	1.64	LGY1E123MELB30
<b>15000</b>	25 × 45	2900	0.40	1.83	LGY1E153MELA45
	30 × 35	2900	0.40	1.83	LGY1E153MELB35
	35 × 30	2900	0.40	1.83	LGY1E153MELC30
<b>18000</b>	25 × 50	3100	0.40	2.01	LGY1E183MELA50
	30 × 40	3100	0.40	2.01	LGY1E183MELB40
	35 × 35	3100	0.40	2.01	LGY1E183MELC35
<b>22000</b>	30 × 45	3500	0.40	2.22	LGY1E223MELB45
	35 × 35	3500	0.40	2.22	LGY1E223MELC35
<b>27000</b>	35 × 45	3800	0.40	2.46	LGY1E273MELC45
<b>33000</b>	35 × 50	4200	0.40	2.72	LGY1E333MELC50

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code

35V (1V)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
<b>3300</b>	22 × 25	1500	0.35	1.01	LGY1V332MELZ25
<b>3900</b>	22 × 30	1600	0.35	1.10	LGY1V392MELZ30
<b>4700</b>	22 × 35	1800	0.35	1.21	LGY1V472MELZ35
	25 × 25	1800	0.35	1.21	LGY1V472MELA25
<b>5600</b>	22 × 35	2000	0.35	1.32	LGY1V562MELZ35
	25 × 30	2000	0.35	1.32	LGY1V562MELA30
	30 × 25	2000	0.35	1.32	LGY1V562MELB25
<b>6800</b>	22 × 40	2200	0.35	1.46	LGY1V682MELZ40
	25 × 35	2200	0.35	1.46	LGY1V682MELA35
	30 × 25	2200	0.35	1.46	LGY1V682MELB25
<b>8200</b>	22 × 50	2400	0.35	1.60	LGY1V822MELZ50
	25 × 40	2400	0.35	1.60	LGY1V822MELA40
	30 × 30	2400	0.35	1.60	LGY1V822MELB30
<b>10000</b>	25 × 45	2600	0.35	1.77	LGY1V103MELA45
	30 × 35	2600	0.35	1.77	LGY1V103MELB35
<b>12000</b>	25 × 50	2900	0.35	1.94	LGY1V123MELA50
	30 × 40	2900	0.35	1.94	LGY1V123MELB40
	35 × 30	2900	0.35	1.94	LGY1V123MELC30
<b>15000</b>	30 × 45	3200	0.35	2.17	LGY1V153MELB45
	35 × 35	3200	0.35	2.17	LGY1V153MELC35
<b>18000</b>	35 × 40	3500	0.35	2.38	LGY1V183MELC40
<b>22000</b>	35 × 50	3900	0.35	2.63	LGY1V223MELC50

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code

50V (1H)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
<b>1800</b>	22 × 25	1300	0.30	0.90	LGY1H182MELZ25
<b>2200</b>	22 × 25	1400	0.30	0.99	LGY1H222MELZ25
<b>2700</b>	22 × 30	1600	0.30	1.10	LGY1H272MELZ30
	25 × 25	1600	0.30	1.10	LGY1H272MELA25
<b>3300</b>	22 × 35	1800	0.30	1.21	LGY1H332MELZ35
	25 × 30	1800	0.30	1.21	LGY1H332MELA30
<b>3900</b>	22 × 40	1900	0.30	1.32	LGY1H392MELZ40
	25 × 30	1900	0.30	1.32	LGY1H392MELA30
	30 × 25	1900	0.30	1.32	LGY1H392MELB25
<b>4700</b>	22 × 45	2100	0.30	1.45	LGY1H472MELZ45
	25 × 35	2100	0.30	1.45	LGY1H472MELA35
	30 × 30	2100	0.30	1.45	LGY1H472MELB30
<b>5600</b>	22 × 50	2300	0.30	1.58	LGY1H562MELZ50
	25 × 40	2300	0.30	1.58	LGY1H562MELA40
	30 × 30	2300	0.30	1.58	LGY1H562MELB30
<b>6800</b>	25 × 45	2500	0.30	1.74	LGY1H682MELA45
	30 × 35	2500	0.30	1.74	LGY1H682MELB35
	35 × 30	2500	0.30	1.74	LGY1H682MELC30
<b>8200</b>	30 × 40	2800	0.30	1.92	LGY1H822MELB40
	35 × 35	2800	0.30	1.92	LGY1H822MELC35
<b>10000</b>	30 × 50	3100	0.30	2.12	LGY1H103MELB50
	35 × 40	3100	0.30	2.12	LGY1H103MELC40
<b>12000</b>	35 × 45	3400	0.30	2.32	LGY1H123MELC45
<b>15000</b>	35 × 50	3800	0.30	2.59	LGY1H153MELC50

Rated Ripple (mA rms) at 105°C 120Hz

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code



## ■ Dimensions

63V (1J)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
1200	22 × 25	1300	0.25	0.82	LGY1J122MELZ25
1500	22 × 30	1500	0.25	0.92	LGY1J152MELZ30
	25 × 25	1500	0.25	0.92	LGY1J152MELA25
1800	22 × 30	1600	0.25	1.01	LGY1J182MELZ30
	25 × 25	1600	0.25	1.01	LGY1J182MELA25
2200	22 × 35	1800	0.25	1.11	LGY1J222MELZ35
	25 × 30	1800	0.25	1.11	LGY1J222MELA30
2700	22 × 40	2000	0.25	1.23	LGY1J272MELZ40
	25 × 35	2000	0.25	1.23	LGY1J272MELA35
	30 × 25	2000	0.25	1.23	LGY1J272MELB25
3300	22 × 45	2200	0.25	1.36	LGY1J332MELZ45
	25 × 35	2200	0.25	1.36	LGY1J332MELA35
	30 × 30	2200	0.25	1.36	LGY1J332MELB30
3900	25 × 40	2400	0.25	1.48	LGY1J392MELA40
	30 × 35	2400	0.25	1.48	LGY1J392MELB35
4700	25 × 50	2600	0.25	1.63	LGY1J472MELA50
	30 × 40	2600	0.25	1.63	LGY1J472MELB40
	35 × 30	2600	0.25	1.63	LGY1J472MELC30
5600	30 × 45	2800	0.25	1.78	LGY1J562MELB45
	35 × 35	2800	0.25	1.78	LGY1J562MELC35
6800	30 × 50	3100	0.25	1.96	LGY1J682MELB50
	35 × 40	3100	0.25	1.96	LGY1J682MELC40
8200	35 × 45	3400	0.25	2.15	LGY1J822MELC45
10000	35 × 50	3800	0.25	2.38	LGY1J103MELC50

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □□ will be put at 10th and 11th digit of code

80V (1K)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
820	22 × 25	1200	0.20	0.76	LGY1K821MELZ25
1000	22 × 25	1300	0.20	0.84	LGY1K102MELZ25
1200	22 × 30	1500	0.20	0.92	LGY1K122MELZ30
	25 × 25	1500	0.20	0.92	LGY1K122MELA25
1500	22 × 35	1600	0.20	1.03	LGY1K152MELZ35
	25 × 25	1600	0.20	1.03	LGY1K152MELA25
1800	22 × 35	1800	0.20	1.13	LGY1K182MELZ35
	25 × 30	1800	0.20	1.13	LGY1K182MELA30
	30 × 25	1800	0.20	1.13	LGY1K182MELB25
2200	22 × 45	2000	0.20	1.25	LGY1K222MELZ45
	25 × 35	2000	0.20	1.25	LGY1K222MELA35
	30 × 25	2000	0.20	1.25	LGY1K222MELB25
2700	25 × 40	2200	0.20	1.39	LGY1K272MELA40
	30 × 30	2200	0.20	1.39	LGY1K272MELB30
3300	25 × 45	2400	0.20	1.54	LGY1K332MELA45
	30 × 35	2400	0.20	1.54	LGY1K332MELB35
	35 × 30	2400	0.20	1.54	LGY1K332MELC30
3900	30 × 40	2600	0.20	1.67	LGY1K392MELB40
	35 × 30	2600	0.20	1.67	LGY1K392MELC30
4700	30 × 45	2900	0.20	1.83	LGY1K472MELB45
	35 × 35	2900	0.20	1.83	LGY1K472MELC35
5600	35 × 40	3100	0.20	2.00	LGY1K562MELC40
6800	35 × 45	3500	0.20	2.21	LGY1K682MELC45

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □□ will be put at 10th and 11th digit of code

100V (2A)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
560	22 × 25	1100	0.20	0.70	LGY2A561MELZ25
680	22 × 30	1200	0.20	0.78	LGY2A681MELZ30
820	22 × 30	1300	0.20	0.85	LGY2A821MELZ30
	25 × 25	1300	0.20	0.85	LGY2A821MELA25
1000	22 × 35	1500	0.20	0.94	LGY2A102MELZ35
	25 × 30	1500	0.20	0.94	LGY2A102MELA30
1200	22 × 40	1600	0.20	1.03	LGY2A122MELZ40
	25 × 35	1600	0.20	1.03	LGY2A122MELA35
	30 × 25	1600	0.20	1.03	LGY2A122MELB25
1500	22 × 45	1800	0.20	1.16	LGY2A152MELZ45
	25 × 40	1800	0.20	1.16	LGY2A152MELA40
	30 × 30	1800	0.20	1.16	LGY2A152MELB30
1800	25 × 45	2000	0.20	1.27	LGY2A182MELA45
	30 × 35	2000	0.20	1.27	LGY2A182MELB35
2200	25 × 50	2200	0.20	1.40	LGY2A222MELA50
	30 × 40	2200	0.20	1.40	LGY2A222MELB40
	35 × 30	2200	0.20	1.40	LGY2A222MELC30
2700	30 × 45	2400	0.20	1.55	LGY2A272MELB45
	35 × 35	2400	0.20	1.55	LGY2A272MELC35
3300	30 × 50	2700	0.20	1.72	LGY2A332MELB50
	35 × 40	2700	0.20	1.72	LGY2A332MELC40
3900	35 × 45	2900	0.20	1.87	LGY2A392MELC40
4700	35 × 50	3200	0.20	2.05	LGY2A472MELC50

Rated Ripple (mA rms) at 105°C 120Hz

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □□ will be put at 10th and 11th digit of code



## ■ Dimensions

160V (2C)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
270	22 × 25	1100	0.15	0.62	LGY2C271MELZ
330	22 × 30	1200	0.15	0.68	LGY2C331MELZ
390	22 × 30	1300	0.15	0.74	LGY2C391MELZ
	25 × 25	1300	0.15	0.74	LGY2C391MELA
470	22 × 35	1400	0.15	0.82	LGY2C471MELZ
	25 × 30	1400	0.15	0.82	LGY2C471MELA
560	22 × 40	1500	0.15	0.89	LGY2C561MELZ
	25 × 30	1500	0.15	0.89	LGY2C561MELA
	30 × 25	1500	0.15	0.89	LGY2C561MELB
680	22 × 45	1700	0.15	0.98	LGY2C681MELZ
	25 × 35	1700	0.15	0.98	LGY2C681MELA
	30 × 30	1700	0.15	0.98	LGY2C681MELB
820	25 × 40	2000	0.15	1.08	LGY2C821MELA
	30 × 30	2000	0.15	1.08	LGY2C821MELB
1000	25 × 45	2200	0.15	1.20	LGY2C102MELA
	30 × 35	2200	0.15	1.20	LGY2C102MELB
1200	25 × 50	2300	0.15	1.31	LGY2C122MELA
	30 × 40	2300	0.15	1.31	LGY2C122MELB
	35 × 35	2300	0.15	1.31	LGY2C122MELC
1500	30 × 45	2500	0.15	1.46	LGY2C152MELB
	35 × 35	2500	0.15	1.46	LGY2C152MELC
1800	30 × 50	2700	0.15	1.60	LGY2C182MELB
	35 × 40	2700	0.15	1.60	LGY2C182MELC
2200	35 × 50	2900	0.15	1.77	LGY2C222MELC

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code

180V (2Z)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
220	22 × 25	1000	0.15	0.59	LGY2Z221MELZ
270	22 × 25	1100	0.15	0.66	LGY2Z271MELZ
330	22 × 30	1200	0.15	0.73	LGY2Z331MELZ
	25 × 25	1200	0.15	0.73	LGY2Z331MELA
390	22 × 30	1300	0.15	0.79	LGY2Z391MELZ
	25 × 25	1300	0.15	0.79	LGY2Z391MELA
470	22 × 35	1400	0.15	0.87	LGY2Z471MELZ
	25 × 30	1400	0.15	0.87	LGY2Z471MELA
	30 × 25	1400	0.15	0.87	LGY2Z471MELB
560	22 × 40	1500	0.15	0.95	LGY2Z561MELZ
	25 × 35	1500	0.15	0.95	LGY2Z561MELA
	30 × 25	1500	0.15	0.95	LGY2Z561MELB
680	22 × 50	1700	0.15	1.04	LGY2Z681MELZ
	25 × 40	1700	0.15	1.04	LGY2Z681MELA
	30 × 30	1700	0.15	1.04	LGY2Z681MELB
820	25 × 45	2000	0.15	1.15	LGY2Z821MELA
	30 × 35	2000	0.15	1.15	LGY2Z821MELB
	35 × 30	2000	0.15	1.15	LGY2Z821MELC
1000	30 × 40	2200	0.15	1.27	LGY2Z102MELB
	35 × 30	2200	0.15	1.27	LGY2Z102MELC
1200	30 × 45	2300	0.15	1.39	LGY2Z122MELB
	35 × 35	2300	0.15	1.39	LGY2Z122MELC
1500	30 × 50	2500	0.15	1.55	LGY2Z152MELB
	35 × 40	2500	0.15	1.55	LGY2Z152MELC
1800	35 × 45	2700	0.15	1.70	LGY2Z182MELC
2200	35 × 50	2900	0.15	1.88	LGY2Z222MELC

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code

200V (2D)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
220	22 × 25	1000	0.15	0.62	LGY2D221MELZ
270	22 × 30	1100	0.15	0.69	LGY2D271MELZ
	25 × 25	1100	0.15	0.69	LGY2D271MELA
330	22 × 30	1200	0.15	0.77	LGY2D331MELZ
	25 × 25	1200	0.15	0.77	LGY2D331MELA
390	22 × 35	1300	0.15	0.83	LGY2D391MELZ
	25 × 30	1300	0.15	0.83	LGY2D391MELA
	30 × 25	1300	0.15	0.83	LGY2D391MELB
470	22 × 40	1400	0.15	0.91	LGY2D471MELZ
	25 × 35	1400	0.15	0.91	LGY2D471MELA
	30 × 30	1400	0.15	0.91	LGY2D471MELB
560	22 × 45	1500	0.15	1.00	LGY2D561MELZ
	25 × 35	1500	0.15	1.00	LGY2D561MELA
	30 × 30	1500	0.15	1.00	LGY2D561MELB
680	25 × 40	1700	0.15	1.10	LGY2D681MELA
	30 × 35	1700	0.15	1.10	LGY2D681MELB
820	25 × 50	2000	0.15	1.21	LGY2D821MELA
	30 × 40	2000	0.15	1.21	LGY2D821MELB
	35 × 30	2000	0.15	1.21	LGY2D821MELC
1000	30 × 45	2200	0.15	1.34	LGY2D102MELB
	35 × 35	2200	0.15	1.34	LGY2D102MELC
1200	30 × 50	2300	0.15	1.46	LGY2D122MELB
	35 × 40	2300	0.15	1.46	LGY2D122MELC
1500	35 × 50	2500	0.15	1.64	LGY2D152MELC

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code

250V (2E)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
180	22 × 30	900	0.15	0.63	LGY2E181MELZ
	25 × 25	900	0.15	0.63	LGY2E181MELA
220	22 × 30	1000	0.15	0.70	LGY2E221MELZ
	25 × 25	1000	0.15	0.70	LGY2E221MELA
270	22 × 35	1100	0.15	0.77	LGY2E271MELZ
	25 × 30	1100	0.15	0.77	LGY2E271MELA
	30 × 25	1100	0.15	0.77	LGY2E271MELB
330	22 × 40	1200	0.15	0.86	LGY2E331MELZ
	25 × 35	1200	0.15	0.86	LGY2E331MELA
	30 × 25	1200	0.15	0.86	LGY2E331MELB
390	22 × 45	1300	0.15	0.93	LGY2E391MELZ
	25 × 35	1300	0.15	0.93	LGY2E391MELA
	30 × 30	1300	0.15	0.93	LGY2E391MELB
470	25 × 45	1400	0.15	1.02	LGY2E471MELA
	30 × 35	1400	0.15	1.02	LGY2E471MELB
	35 × 30	1400	0.15	1.02	LGY2E471MELC
560	25 × 50	1500	0.15	1.12	LGY2E561MELA
	30 × 35	1500	0.15	1.12	LGY2E561MELB
	35 × 30	1500	0.15	1.12	LGY2E561MELC
680	30 × 45	1700	0.15	1.23	LGY2E681MELB
	35 × 35	1700	0.15	1.23	LGY2E681MELC
820	30 × 50	2000	0.15	1.35	LGY2E821MELB
	35 × 40	2000	0.15	1.35	LGY2E821MELC
1000	35 × 45	2200	0.15	1.50	LGY2E102MELC
1200	35 × 50	2300	0.15	1.64	LGY2E122MELC

Rated Ripple (mA rms) at 105°C 120Hz

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 □ will be put at 10th and 11th digit of code



## ■ Dimensions

315V (2F)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
82	22 × 25	640	0.15	0.48	LGY2F820MELZ
100	22 × 30	690	0.15	0.53	LGY2F101MELZ
120	22 × 30	750	0.15	0.58	LGY2F121MELZ
	25 × 25	750	0.15	0.58	LGY2F121MELA
150	22 × 35	820	0.15	0.65	LGY2F151MELZ
	25 × 30	820	0.15	0.65	LGY2F151MELA
	30 × 25	820	0.15	0.65	LGY2F151MELB
180	22 × 40	900	0.15	0.71	LGY2F181MELZ
	25 × 35	900	0.15	0.71	LGY2F181MELA
	30 × 25	900	0.15	0.71	LGY2F181MELB
220	22 × 45	1000	0.15	0.78	LGY2F221MELZ
	25 × 40	1000	0.15	0.78	LGY2F221MELA
	30 × 30	1000	0.15	0.78	LGY2F221MELB
270	25 × 45	1100	0.15	0.87	LGY2F271MELA
	30 × 35	1100	0.15	0.87	LGY2F271MELB
	35 × 30	1100	0.15	0.87	LGY2F271MELC
330	25 × 50	1200	0.15	0.96	LGY2F331MELA
	30 × 40	1200	0.15	0.96	LGY2F331MELB
	35 × 30	1200	0.15	0.96	LGY2F331MELC
390	30 × 45	1300	0.15	1.05	LGY2F391MELB
	35 × 35	1300	0.15	1.05	LGY2F391MELC
470	30 × 50	1400	0.15	1.15	LGY2F471MELB
	35 × 40	1400	0.15	1.15	LGY2F471MELC
560	35 × 45	1500	0.15	1.26	LGY2F561MELC
680	35 × 50	1700	0.15	1.38	LGY2F681MELC

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 [H] will be put at 10th and 11th digit of code

400V (2G)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
56	22 × 25	510	0.15	0.44	LGY2G560MELZ
68	22 × 30	560	0.15	0.49	LGY2G680MELZ
	25 × 25	560	0.15	0.49	LGY2G680MELA
82	22 × 35	640	0.15	0.54	LGY2G820MELZ
	25 × 25	640	0.15	0.54	LGY2G820MELA
100	22 × 35	690	0.15	0.60	LGY2G101MELZ
	25 × 30	690	0.15	0.60	LGY2G101MELA
120	22 × 40	750	0.15	0.65	LGY2G121MELZ
	25 × 35	750	0.15	0.65	LGY2G121MELA
150	22 × 50	820	0.15	0.73	LGY2G151MELZ
	25 × 40	820	0.15	0.73	LGY2G151MELA
	30 × 30	820	0.15	0.73	LGY2G151MELB
180	25 × 45	900	0.15	0.80	LGY2G181MELA
	30 × 35	900	0.15	0.80	LGY2G181MELB
	35 × 25	900	0.15	0.80	LGY2G181MELC
220	25 × 50	1000	0.15	0.88	LGY2G221MELA
	30 × 40	1000	0.15	0.88	LGY2G221MELB
	35 × 30	1000	0.15	0.88	LGY2G221MELC
270	30 × 45	1100	0.15	0.98	LGY2G271MELB
	35 × 35	1100	0.15	0.98	LGY2G271MELC
330	30 × 50	1200	0.15	1.08	LGY2G331MELB
	35 × 40	1200	0.15	1.08	LGY2G331MELC
390	35 × 45	1300	0.15	1.18	LGY2G391MELC
470	35 × 50	1400	0.15	1.30	LGY2G471MELC

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 [H] will be put at 10th and 11th digit of code

350V (2V)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
82	22 × 25	640	0.15	0.50	LGY2V820MELZ
100	22 × 30	690	0.15	0.56	LGY2V101MELZ
	25 × 25	690	0.15	0.56	LGY2V101MELA
120	22 × 35	750	0.15	0.61	LGY2V121MELZ
	25 × 30	750	0.15	0.61	LGY2V121MELA
150	22 × 40	820	0.15	0.68	LGY2V151MELZ
	25 × 30	820	0.15	0.68	LGY2V151MELA
	30 × 25	820	0.15	0.68	LGY2V151MELB
180	22 × 45	900	0.15	0.75	LGY2V181MELZ
	25 × 35	900	0.15	0.75	LGY2V181MELA
	30 × 30	900	0.15	0.75	LGY2V181MELB
220	22 × 50	1000	0.15	0.83	LGY2V221MELZ
	25 × 40	1000	0.15	0.83	LGY2V221MELA
	30 × 30	1000	0.15	0.83	LGY2V221MELB
270	25 × 50	1100	0.15	0.92	LGY2V271MELA
	30 × 35	1100	0.15	0.92	LGY2V271MELB
	35 × 30	1100	0.15	0.92	LGY2V271MELC
330	30 × 45	1200	0.15	1.01	LGY2V331MELB
	35 × 35	1200	0.15	1.01	LGY2V331MELC
390	30 × 50	1300	0.15	1.10	LGY2V391MELB
	35 × 40	1300	0.15	1.10	LGY2V391MELC
470	35 × 40	1400	0.15	1.21	LGY2V471MELC
	35 × 50	1500	0.15	1.32	LGY2V561MELC

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 [H] will be put at 10th and 11th digit of code

450V (2W)					
Cap. (μF)	Size φD × L(mm)	Rated ripple (mA)	tan δ	Leakage Current (mA)	※ Code
39	22 × 25	370	0.20	0.39	LGY2W390MELZ
47	22 × 30	400	0.20	0.43	LGY2W470MELZ
56	22 × 35	470	0.20	0.47	LGY2W560MELZ
	25 × 25	470	0.20	0.47	LGY2W560MELA
68	22 × 40	530	0.20	0.52	LGY2W680MELZ
	25 × 30	530	0.20	0.52	LGY2W680MELA
82	22 × 45	560	0.20	0.57	LGY2W820MELZ
	25 × 35	560	0.20	0.57	LGY2W820MELA
	30 × 25	560	0.20	0.57	LGY2W820MELB
100	22 × 50	640	0.20	0.63	LGY2W101MELZ
	25 × 40	640	0.20	0.63	LGY2W101MELA
	30 × 30	640	0.20	0.63	LGY2W101MELB
120	25 × 45	720	0.20	0.69	LGY2W121MELA
	30 × 30	720	0.20	0.69	LGY2W121MELB
150	25 × 50	790	0.20	0.77	LGY2W151MELA
	30 × 40	790	0.20	0.77	LGY2W151MELB
	35 × 30	790	0.20	0.77	LGY2W151MELC
180	30 × 45	870	0.20	0.85	LGY2W181MELB
	35 × 35	870	0.20	0.85	LGY2W181MELC
220	30 × 50	1000	0.20	0.94	LGY2W221MELB
	35 × 40	1000	0.20	0.94	LGY2W221MELC
270	35 × 45	1190	0.20	1.04	LGY2W271MELC
330	35 × 50	1380	0.20	1.15	LGY2W331MELC

Rated Ripple (mA rms) at 105°C 120Hz

※ In case of Sn-Pb finished terminal PVC sleeve (containing Pb) product  
 [H] will be put at 10th and 11th digit of code