

RG Series

Suitable for electronic ballast and communication equipment, industrial measurement instrument.



Dark Brown

Characteristics

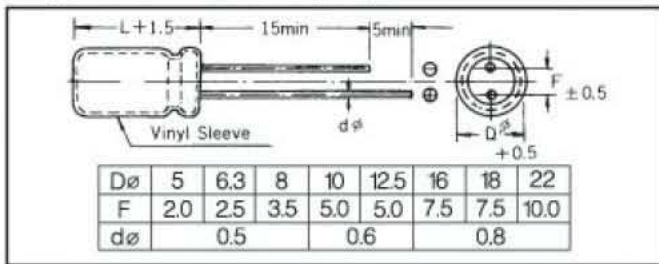
Voltage Range	160 ~ 450V							
Capacitance Range	1-330uF							
Temperature Range	-40~+105°C							
Capacitance Tolerance	-20 ~ +20% (at 20°C, 120Hz)							
Leakage Current	I=0.01CV or 3uA Whichever is greater (After 2 minutes)							
Dissipation Factor (tan δ)	Rated voltage	160V	200V	250V	350V	400V	450V	(at 20°C, 120Hz)
	tan δ (max.)	0.15	0.15	0.15	0.20	0.24	0.24	
For capacitance > 1000uF, add 0.02 for every 1000uF.								
Low Temperature Stability	Impedance ratio at 120Hz							
	Rated voltage	160V	200V	250V	350V	400V	450V	
Z-25°C/Z20°C		4	8	8	20	20	20	
Load Life	After 3000 hours application of rated voltage at 105°C the capacitor shall meet the following characteristics							
	Capacitance change	Within ±20% of initial value						
	D.F. (tan δ)	200% or less of initial specified value						
	Leakage current	initial specified value or less						

Maximum Impedance Z (Ω20°C 100KHz)

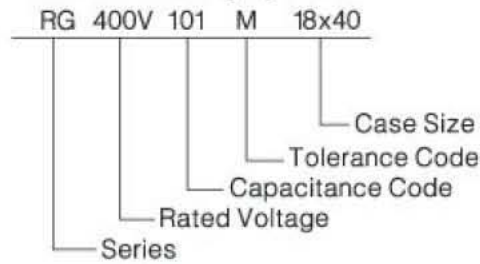
Maximum Ripple Current (mA rms 105°C 120Hz)

uF	WV	160		200		250		350		400		450		Z	I.R.	Z	I.R.
		Z	I.R.	Z	I.R.	Z	I.R.	Z	I.R.	Z	I.R.	Z	I.R.				
1		3.00	19	2.90	21	3.00	24	2.70	21	2.70	20	2.10	20				
2.2		2.80	31	2.70	30	2.70	36	2.10	31	2.10	34	3.00	34				
3.3		2.30	40	2.30	43	2.30	49	1.80	45	1.80	48	3.80	48				
4.7		2.20	48	2.10	54	2.10	59	3.50	54	3.00	60	3.60	54				
10		1.82	76	1.80	89	3.50	100	3.00	89	2.80	95	3.00	90				
22		1.56	150	1.52	158	2.50	160	2.20	150	1.35	145	1.80	110				
33		1.35	180	0.95	200	1.90	220	1.05	210	0.95	210	1.30	190				
47		0.98	240	0.93	240	1.80	260	0.76	270	0.75	280	1.00	260				
68		0.62	350	0.62	330	0.81	370	0.52	390	0.50	410	0.80	430				
100		0.30	370	0.30	410	0.68	470	0.42	510	0.35	530						
150		0.22	620	0.22	660	0.48	690										
220		0.22	660	0.22	720	0.36	800										
330		0.22	880														

Diagram of Dimensions (mm)



Part Numbering System



Case Size of Standard Products

DxL (mm)

uF \ WV	160	200	250	350	400	450		
1	6.3x11	6.3x11	6.3x11	8x11.5	8x11.5	10x13		
2.2	6.3x11	6.3x11	8x11.5	10x13	10x13	10x20		
3.3	8x11.5	8x11.5	8x11.5	10x16	10x16	12.5x20		
4.7	8x11.5	8x11.5	10x13	10x20	10x20	12.5x20		
10	10x13	10x16	10x20	10x20	12.5x20	12.5x25		
22	10x20	12.5x20	12.5x20	12.5x25	16x25	16x31.5		
33	12.5x20	12.5x20	12.5x25	16x25	16x31.5	16x35.5		
47	12.5x25	12.5x25	16x25	16x31.5	16x35.5	18x35.5		
68	12.5x25	16x25	16x31.5	16x35.5	18x35.5	18x40		
100	16x25	16x31.5	16x35.5	18x35.5	18x40			
150	16x31.5	18x35.5	18x40					
220	18x35.5	18x40	22x40					
330	18x40							