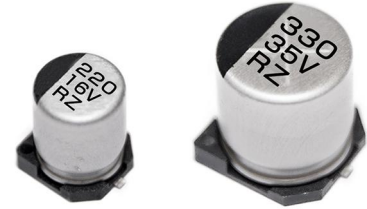


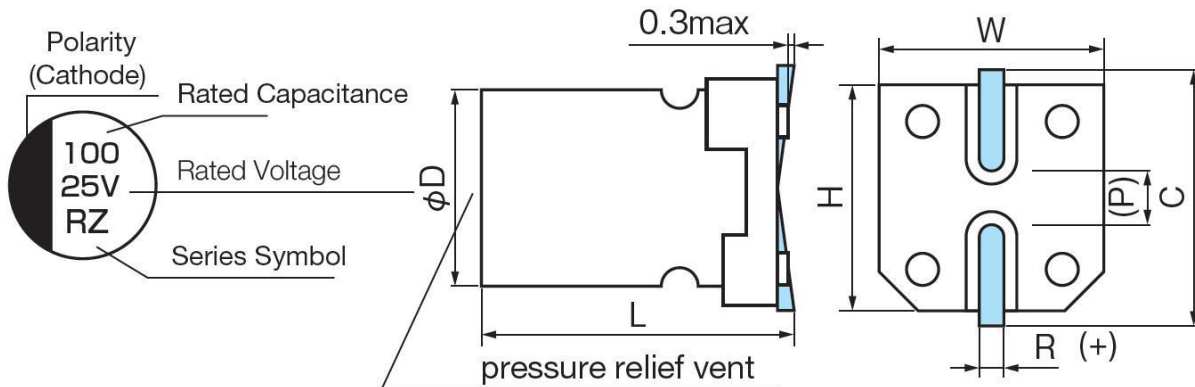
FEATURES

- 105°C 2,000Hours
- Super Low ESR
- Solvent proof (within 2 minutes)



DIMENSIONS (mm)

Black print on the case top



$\Phi D^{\pm 0.5}$	L	$W^{\pm 0.2}$	$H^{\pm 0.2}$	$C^{\pm 0.2}$	R	$p^{\pm 0.2}$
6.3	$5.8^{\pm 0.4}$	6.6	6.6	7.3	0.5~0.8	2.2
6.3	$7.7^{\pm 0.4}$	6.6	6.6	7.3	0.5~0.8	2.2
8	$10.5^{\pm 0.5}$	8.3	8.3	9.2	0.7~1.2	3.1
10	$10.5^{\pm 0.5}$	10.3	10.3	11.2	0.7~1.2	4.4
10	$13.5^{\pm 0.5}$	10.3	10.3	11.2	0.7~1.2	4.4



SPECIFICATIONS

Items	Condition		Specifications						
Rated voltage (V)	—		6.3	10	16	25	35	50	
Surge voltage (V)	Room temperature		8	13	20	32	44	63	
Category temperature range (°C)	—		-55 to +105						
Capacitance tolerance (%)	120Hz/20°C		M : ±20						
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C		0.26	0.2	0.18	0.16	0.14	0.12	
Leakage current (LC)	μA/after 2minutes (max)		The greater value of either 0.01CV or 3μA						
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	3	3	3	3	3	3
		-55°C	Z/Z _{20°C}	4	4	4	3	3	3
Endurance	105°C 2,000hours rated voltage applied (With the rated ripple current)	ΔC/C		Within ±20% of the initial value					
		tanδ		Less than 200% of the specified value					
		LC		Less than the specified value					

RATED RIPPLE CURRENT FREQUENCY COEFFICIENT

Frequency:F(Hz)		100≤F<1k	1k≤F<10k	10k≤F<100k	100k≤F
Capacitance:C(μF)	C≤33	0.35	0.7	0.9	1
	33<C≤150	0.4	0.85	0.92	1
	150<C	0.6	0.85	0.95	1



STANDARD RATINGS

μF V	6.3			10			16			25			35			50		
	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC
33										6.3×5.8	0.3	300	6.3×5.8	0.3	300			
47							6.3×5.8	0.26	300	6.3×5.8	0.3	300	6.3×5.8	0.3	300			
68							6.3×5.8	0.26	300	6.3×5.8	0.3	300	6.3×7.7	0.2	600			
100	6.3×5.8	0.26	300				6.3×5.8	0.26	300	6.3×7.7	0.2	600	6.3×7.7	0.2	600			
							6.3×7.7	0.16	600				8×10.5	0.1	850	8×10.5	0.18	670
150				6.3×5.8	0.26	300	6.3×7.7	0.16	600	8×10.5	0.1	850	8×10.5	0.1	850			
220	6.3×5.8	0.26	300	6.3×7.7	0.16	600	6.3×7.7	0.16	600	8×10.5	0.1	850	8×10.5	0.1	850	10×10.5	0.12	900
330	6.3×7.7	0.16	600	8×10.5	0.08	850	8×10.5	0.08	850	8×10.5	0.1	850	10×10.5	0.1	1190			
390													10×10.5	0.1	850			
470	8×10.5	0.08	850	8×10.5	0.08	850	8×10.5	0.08	850	10×10.5	0.1	1190						
560										10×10.5	0.1	850						
680				8×10.5	0.08	850	10×10.5	0.06	1190									
820							10×10.5	0.08	850									
1000	8×10.5	0.08	850	10×10.5	0.06	1190												
1200				10×10.5	0.08	850												
1500	10×10.5	0.06	1190															

↑ Case size: φDxL(mm)
 ↑ ESR (Ω)
 ↑ Rated ripple current mArms(100kHz, 105°C)
 ↑ max at 100kHz, 20°C

Note: Other Values are available on request. WEET is capable of doing custom service for you.



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PN Structure

WRZ	0J	0R1	M	040054	T	R
Series	Rated Voltage	Capacitance	Capacitance Tolerance	Dimension	Packing	Pb
	1.	2.	3.	4.	5.	6.

1. Rated Voltage

Code	0J	1A	1C	1D	1E	1V	1G	1H	1J	1K	2A
Voltage	6.3V	10V	16V	20V	25V	35V	40V	50V	63V	80V	100V

2. Capacitance

Code	0R1	R22	R33	R47	010	2R2	3R3	4R7	100	220	330	470	101
Capacitance (μF)	0.1	0.22	0.33	0.47	1	2.2	3.3	4.7	10	22	33	47	100

3. Capacitance Tolerance

Code	K	L	M
Tolerance	±10%	±15%	±20%

4. Dimension

Code	040054	050054	063054	080105	100105
Dimension (mm)	4x5.4	5x5.4	6.3x5.4	8x10.5	10x10.5

5. Packing

Code	T
Packing	Tape & Reel

6. Pb

Code	L	R
Pb	Leaded	RoHS

