

SRM Series

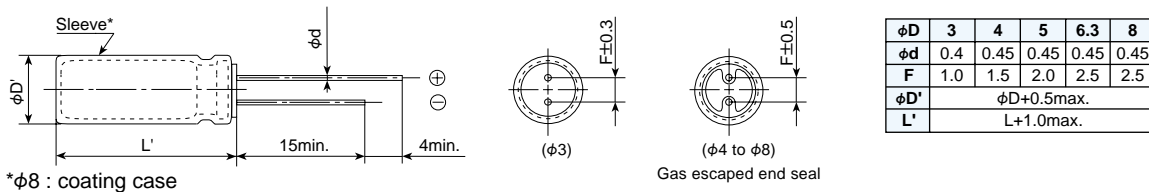
- Coating case covered products are also available
- Downsized from current standard SRE series
- 5mm height, 1000-hours-life at 85°C
- Solvent-proof type (see PRECAUTIONS AND GUIDELINES)



SPECIFICATIONS

Items	Characteristics								
Category	-40 to +85°C								
Temperature Range									
Rated Voltage Range	4 to 50V _{dc}								
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)								
Leakage Current	I = 0.01CV or 3μA, whichever is greater. (at 20°C after 2 minutes)								
	Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 2 minutes)								
Dissipation Factor (tanδ)	Rated voltage (V _{dc})	4V	6.3V	10V	16V	25V	35V	50V	
	tanδ (Max.)	0.40	0.38	0.30	0.23	0.17	0.15	0.13	(at 20°C, 120Hz)
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{dc})	4V	6.3V	10V	16V	25V	35V	50V	
	Z(-25°C)/Z(+20°C)	7	4	3	2	2	2	2	
	Z(-40°C)/Z(+20°C)	15	8	8	6	4	3	3	(at 120Hz)
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 85°C.								
	Capacitance change	≤±20% of the initial value							
	D.F. (tanδ)	≤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°C after exposing them for 1000 hours at 85°C without voltage applied.								
	Capacitance change	≤±20% of the initial value							
	D.F. (tanδ)	≤200% of the initial specified value							
	Leakage current	≤The initial specified value							

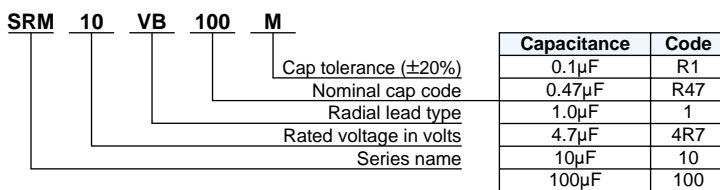
DIMENSIONS (Radial Lead Type=VB) [mm]



*φ8 : coating case

Gas escaped end seal

PART NUMBERING SYSTEM



STANDARD RATINGS

μF \ V _{dc}	4	6.3	10	16	25	35	50
0.1							3×5 1.3
0.22							3×5 2.9
0.33							3×5 4.2
0.47							3×5 5.0
1.0							3×5 7.2
2.2							3×5 10
3.3						3×5 12	4×5 14
4.7					3×5 13		4×5 19
10				3×5 18	4×5 25		5×5 31
22		3×5 22		4×5 33	5×5 41		6.3×5 49
33			4×5 36	5×5 47		6.3×5 56	8×5 76
47		4×5 40		5×5 55	6.3×5 63	8×5 85	
100	5×5 55		6.3×5 78		8×5 116		
220	6.3×5 88		8×5 148				
330		8×5 141					

Case size φD×L (mm)
 Rated ripple current (mA_{rms}) at 85°C, 120Hz

Note : → Use next higher voltage part.