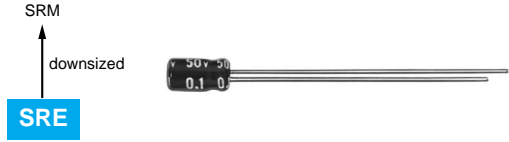


SRE Series

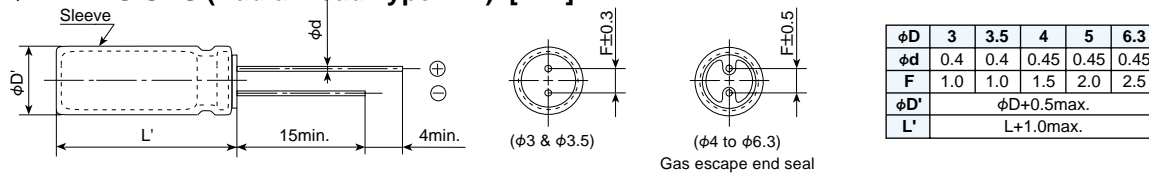
- Coating case covered products are also available
- 5mm height, 1000-hours-life at 85°C
- Non solvent-proof type



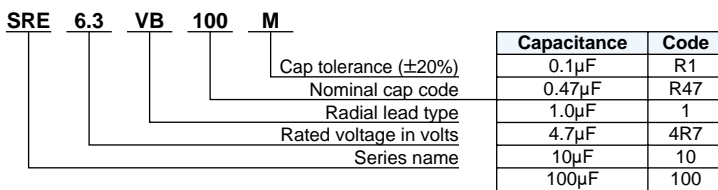
◆SPECIFICATIONS

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. 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.)	0.35	0.24	0.20	0.16	0.14	0.12	0.10	(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	10	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]



◆PART NUMBERING SYSTEM



◆STANDARD RATINGS

μF \ V _{dc}	4	6.3	10	16	25	35	50
0.1							3×5 1.3
0.15							3×5 2.0
0.22							3×5 2.9
0.33							3×5 3.5
0.47							3×5 4.2
0.68							3×5 5.1
1.0							3×5 6.2
1.5							3×5 7.5
2.2						3×5 8.3	3.5×5 10
3.3					3×5 9.3	3.5×5 11	4×5 14
4.7				3×5 10	3.5×5 12	4×5 15	5×5 19
6.8				3.5×5 14	4×5 16	5×5 20	6.3×5 24
10			3×5 11	3.5×5 17		5×5 25	6.3×5 29
15		3×5 12		5×5 26		6.3×5 33	
22		4×5 23		5×5 32		6.3×5 40	
33	4×5 23		5×5 35		6.3×5 45		
47		5×5 38		6.3×5 50			
68			6.3×5 54				
100		6.3×5 60					

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

Note1: → Use next higher voltage part.
Note2: The parts of φ3.5×5 will be unified to φ4×5.