



SE Series

- Super low ESR at a high frequency range
- High ripple current capability
- 5,000 hours at 105°C



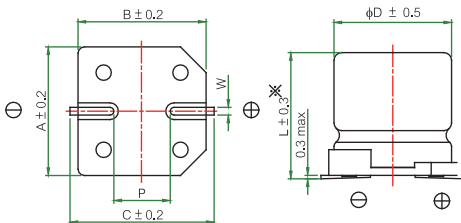
◆ SPECIFICATIONS

Item	Performance Characteristics	
Category Temperature Range	-55 ~ +105°C	
Working Voltage Range	2.5 ~ 35Vdc	
Surge Voltage	Rated Voltage x1.15	
Capacitance Tolerance	M: ±20% (at 25°C and 120Hz)	
ESR	See the standard ratings table (at 25°C, 100~300KHz)	
Dissipation Factor (Tanδ)	See the standard ratings table (at 25°C, 120Hz)	
Leakage Current ※1	See the standard ratings table (Impress the rated voltage for 2 minutes)	
Low Temperature Characteristics Impedance Ratio	Z(-25°C)/Z(+25°C) ≤ 1.15 at 100KHz Z(-55°C)/Z(+25°C) ≤ 1.25 at 100KHz	
Endurance	The following specifications shall be satisfied when the capacitors are restored to 25°C after subjected to DC voltage with the rated ripple current is applied for 5,000 hours at 105°C	
	Capacitance change	≤ ±20% of the initial value
	ESR	≤ 150% of the specified value
	Dissipation factor(tanδ)	≤ 150% of the specified value
	Leakage current	≤ specified value
Damp Heat (Steady State)	The following requirements shall be satisfied when the capacitor are restored to 25°C after exposing them for 1,000 hours at 60°C 90 to 95% RH	
	Capacitance change	≤ ±20% of the initial value
	ESR	≤ 150% of the specified value
	Dissipation factor(tanδ)	≤ 150% of the specified value
	Leakage current	≤ specified value

※1 In case of some problems for measured values, measure after applying rated voltage for 120 minutes at 105°C

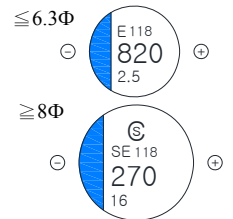
※2 ESR should be measured at both of the terminal ends closest to the capacitor body

◆ DIMENSIONS

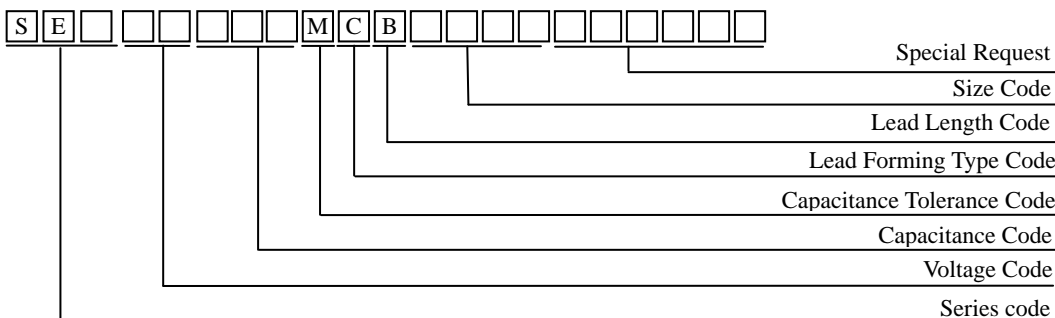


Code	Case Size	φD	L	A	B	C	W	P
6357	6.3×5.7	6.3	5.7	5.6	6.6	7.3	0.5~0.8	2.1
8067	8×6.7	8	6.7	8.3	8.3	9	0.7~1.1	3.2
8117	8×11.7	8	11.7	8.3	8.3	9	0.7~1.1	3.2
8122	8×12.2	8	12.2	8.3	8.3	9	0.7~1.1	3.2
1124	10×12.4	10	12.4	10.3	10.3	11	0.7~1.1	4.6

◆ Marking



◆ PART NUMBER SYSTEM





SE Series

◆ Standard Rating

Rated Voltage (Vdc)	Rated Capacitance (μF)	Case Size ΦD×L (mm)	ESR 100~300KHz (mΩ max)	Rated Ripple Current 105°C, 100KHz (mA rms max)	Tan δ max	Leakage Current (μA max)	Part Number
2.5(0E)	560	6.3×5.7	16	3500	0.10	300	SE0E561MCB6357
4(0G)	560	8×6.7	22	3220	0.10	448	SE0G561MCB8067
6.3(0J)	220	6.3×5.7	15	3160	0.10	300	SE0J221MCB6357
	330	6.3×5.7	15	3160	0.10	416	SE0J331MCB6357
	390	8×6.7	22	3220	0.10	491	SE0J391MCB8067
10(1A)	120	6.3×5.7	22	2600	0.10	300	SE1A121MCB6357
	270	8×6.7	22	3220	0.10	540	SE1A271MCB8067
16(1C)	68	6.3×5.7	40	2450	0.10	544	SE1C680MCB6343
	100	6.3×5.7	24	2490	0.10	320	SE1C101MCB6357
	270	8×9.7	16	4070	0.10	864	SE1C271MCB8097
	270	8×11.7	11	4070	0.10	864	SE1C271MCB8117
	560	8×12.2	16	3800	0.10	1792	SE1C561MCB8122
	560	10×12.4	16	3800	0.10	1792	SE1C561MCB1124
25(1E)	47	6.3×5.7	30	2500	0.10	588	SE1E470MCB6357
	100	8×9.7	24	3300	0.10	500	SE1E101MCB8097
35(1V)	120	10×12.6	32	2400	0.10	840	SE1V121MCB1126