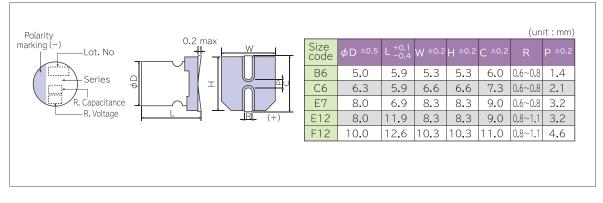
Surface mount type

LowESR(9 to 30 mΩ)
Large capacitance (2,700 μF max.)
RoHS compliance, Halogen free

Specifications

Items	Specifications							
Size code	B6	C6	E7 E12		F12			
Category temperature range	-55 to +105 ℃							
Rated voltage range	2.5 to 16 V.DC							
Rated capacitance range	ed capacitance range 39 to 180 μ F 68 to 560 μ F 120 to 680 μ F 270 to 1500 μ F 270		2700 μF					
Capacitance tolerance	±20 %(120 Hz/+20 ℃)							
Leakage current	Please see the attached characteristics list							
Dissipation factor(tan δ)	Please see the attached characteristics list							
Endurance	105 °C, 2,000 h, rated voltage appliedΔC/CWithin±20 % of the initial value							
	DF ≦1.5 times of the initial limit							
	LC	nitial limit						
Damp heat (Steady State)	60 °C, 90 to 95 %RH, 1,000 h, No-applied voltage							
	/alue							
	DF	≦1.5 times	≦1.5 times of the initial limit					
	LC	Within the	Within the initial limit (after voltage processing)					

Marking and dimensions



Characteristics list

	Rated	Rated	Case size (mm)		Cizo	Specifications			Standard(Reel size∶¢ 380)			
Series	voltage (V.DC)	capacitance (μF)	φD		Size code	Rated ripple current (mArms) ※1	ES 100 kHz/20 °C (mΩ max.)	SR 300 kHz/20 ℃ (mΩ max.)	tan δ %2	LC ※3 (µA)	Part number	Min. Packaging Q'ty (pcs)
	2.5		5.0	5.9		1970	30	(ms2 max.) 26	0.12	300.0	2R5SVPC180M	1500
		180	5.0	5.9	В6	2200	24	20	0.12	300.0	2R5SVPC180MY	1500
			5.0	5.9		2800	19	16	0.12	300.0	2R5SVPC180MV	1500
			6.3	5.9	- C6	2410	25	22	0.12	300.0	2R5SVPC390M	1000
		390	6.3	5.9		3160	15	13	0.12	300.0	2R5SVPC390MV	1000
		560	6.3	5.9	C6	3500	16	14	0.12	300.0	2R5SVPC560M	1000
		680	8.0	6.9	E7	3370	20	17	0.12	500.0	2R5SVPC680M	1000
		820	8.0	11.9	E12	5380	9	8	0.15	500.0	2R5SVPC820M	400
		1500	8.0	11.9		5150	10	9	0.15	750.0	2R5SVPC1500M	400
		2700	10.0	12.6	F12	5070	12	10	0.15	1350.0	2R5SVPC2700M	400
			5.0	5.9	B6	1970	30	26	0.12	300.0	4SVPC150M	1500
		150	5.0	5.9		2240	23	20	0.12	300.0	4SVPC150MY	1500
			5.0	5.9		2730	20	17	0.12	300.0	4SVPC150MV	1500
			6.3	5.9		2320	27	23	0.12	300.0	4SVPC330M	1000
	4.0	330	6.3	5.9	C6	2630	21	18	0.12	300.0	4SVPC330MY	1000
	4.0		6.3	5.9		3160	15	13	0.12	300.0	4SVPC330MV	1000
		540	8.0	6.9	E7	3220	22	19	0.12	500.0	4SVPC560M	1000
		560	8.0	11.9	E12	5380	9	8	0.15	500.0	4SVPC560MX	400
		1200	8.0	11.9	E12	4700	12	10	0.15	960.0	4SVPC1200M	400
		1500	8.0	11.9	E12	4700	12	10	0.15	1200.0	4SVPC1500M	400
SVPC	6.3	100	5.0	5.9	В6	1970	30	26	0.12	300.0	6SVPC100M	1500
SVPC			5.0	5.9		2150	25	21	0.12	300.0	6SVPC100MY	1500
		120	5.0	5.9		2660	21	18	0.12	300.0	6SVPC120MV	1500
		220	6.3	6.3 5.9	C6	2320	27	23	0.12	300.0	6SVPC220M	1000
		220	6.3	5.9		3160	15	13	0.12	300.0	6SVPC220MV	1000
		330	6.3	5.9		3390	17	15	0.12	415.0	6SVPC330M	1000
		390	8.0	6.9	E7	3220	22	19	0.12	491.0	6SVPC390M	1000
		820	8.0	11.9	E12	4700	12	10	0.15	1033.0	6SVPC820M	400
	10	68	5.0	5.9	B6	1970	30	26	0.12	300.0	10SVPC68M	1500
			5.0	5.9		2540	23	20	0.12	300.0	10SVPC68MV	1500
		120	6.3	5.9	C6	2320	27	23	0.12	300.0	10SVPC120M	1000
			6.3	5.9		2600	22	19	0.12	300.0	10SVPC120MV	1000
		270	8.0	6.9	E7	3220	22	19	0.12	500.0	10SVPC270M	1000
		330	8.0	6.9	E7	3460	19	17	0.12	660.0	10SVPC330M	1000
	16	39-	5.0	5.9	B6	1820	35	30	0.12	300.0	16SVPC39M	1500
			5.0	5.9		2350	27	23	0.12	300.0	16SVPC39MV	1500
		68-	6.3	5.9	C6	2200	30	26	0.12	300.0	16SVPC68M	1000
			6.3	5.9		2440	25	22	0.12	300.0	16SVPC68MV	1000
		100	6.3	5.9	C6	2490	24	23	0.12	300.0	16SVPC100M	1000
		120	8.0	6.9	E7	2900	27	23	0.12	500.0	16SVPC120M	1000
		150	8.0	6.9	E7	3220	22	21	0.12	500.0	16SVPC150M	1000
		270	8.0	11.9	E12	4070	16	14	0.15	864.0	16SVPC270M	400

Frequency Correction factor for ripple currentt

	5	1.1		
Frequency	120 Hz≦ f <1 kHz	1 kHz≦ f <10 kHz	10 kHz≦ f <100 kHz	100 kHz≦ f ≦500 kHz
Coefficient	0.05	0.3	0.7	1