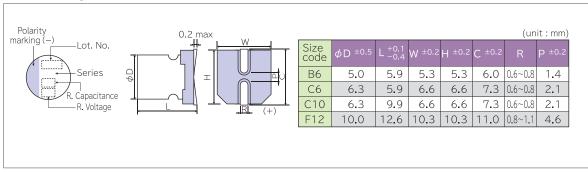


- •Super low ESR (8 to 18 m Ω)
- •Large capacitance (1,200 µF max.)
- ●RoHS compliance, Halogen free

Specifications

Items	Specifications						
Size code	В6	C6	C10	F12			
Category temperature range	-55 to +105 ℃						
Rated voltage range	2.0 to 16 V.DC						
Rated capacitance range	150 to 390 μF	220 to 390 μF	180 to 1200 μF	470 μF			
Capacitance tolerance	±20 %(120 Hz/+20 ℃)						
Leakage current	Please see the attached characteristics list						
Dissipation factor($tan \delta$)	Please see the attached characteristics list						
Endurance	105 ℃, 2,000 h, rated voltage applied						
	∆C/C	Within±20 % of the initial value					
	DF ≤1.5 times of the initial limit						
	LC	Within the initial lin					
Damp heat (Steady State)	60 ℃, 90 to 95 %) ℃, 90 to 95 % RH, 1,000 h, No-applied voltage					
	Δ C/C Within±20 % of the initial value						
	DF	≤1.5 times of the initial limit Within the initial limit (after voltage processing)					
	LC						

Marking and dimensions



Characteristics list

	Rated voltage (V.DC)	Rated capacitance (µF)	Case size (mm)		Size	Specifications				Standard(Reel size∶∮ 380)		
Series			φD		code	Rated ripple current (mArms) ※1	ES 100 kHz/20 °C (mΩ max.)	SR 300 kHz/20 ℃	tan δ ※2	LC ※3 (μA)	Part number	Min. Packaging Q'ty (pcs)
	2	1200	6.3	9.9	C10	5230	(msz max.)	(mΩ max.)	0.12	500.0	2SVPE1200M	500
	2.5	270	5.0	5.9	В6	3860	10	9	0.12	500.0	2R5SVPE270M	1500
		330	5.0	5.9	В6	3150	15	13	0.12	500.0	2R5SVPE330M	1500
			5.0	5.9		3860	10	9	0.12	500.0	2R5SVPE330MY	1500
		390	5.0	5.9	В6	3860	10	9	0.12	700.0	2R5SVPE390MX	1500
			6.3	5.9	C6	3900	10	9	0.12	500.0	2R5SVPE390M	1000
SVPE	6.3	150	5.0	5.9	В6	3520	12	10	0.12	500.0	6SVPE150M	1500
		180	5.0	5.9		3150	15	13	0.12	500.0	6SVPE180M	1500
		220	5.0	5.9		3150	15	13	0.12	500.0	6SVPE220MW	1500
			6.3	5.9	C6	3900	10	9	0.12	500.0	6SVPE220M	1000
	10	220	6.3	5.9	C6	2700	20	18	0.12	500.0	10SVPE220M	1000
	16	180	6.3	9.9	C10	4460	11	10	0.12	576.0	16SVPE180M	500
		470	10.0	12.6	F12	6100	10	9	0.12	1504.0	16SVPE470M	400

- %1: Rated ripple current (100 kHz/ +105 $^{\circ}$ C), %2: $\tan\delta$ (120 Hz/+20 $^{\circ}$ C) %3: After 2 minutes
- ◆Please refer to each page in this catarog for "Reflow conditions" and "Taping specifications"

Frequency Correction factor for ripple current

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