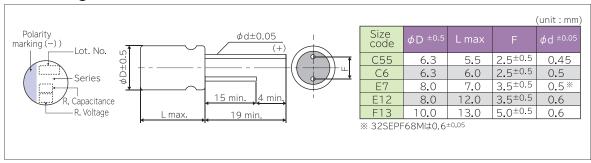
- •High voltage(35 V max.)
- •Large capacitance (1,000 μF max.)
- •RoHS compliance, Halogen free

## Specifications

Items	Specifications							
Size code	C55	C6	E7	E12	F13			
Category temperature range	-55 to +105 ℃							
Rated voltage range	16 to 35 V.DC							
Rated capacitance range	22 to 150 μF	22 to 180 μF	39 to 270 μF	82 to 560 μF	120 to 1000 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 ℃, 5,000 h, rated voltage applied							
	ΔC/C Within±20 % of the initial value							
	DF	≦1.5 times	≦1.5 times of the initial limit					
LC Within the initial limit								
Damp heat (Steady State)	60 ℃, 90 to 95 %RH, 1,000 h, No-applied voltage							
	ΔC/C Within±20 % of the initial value							
	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 voltage (V.DC)	Rated capacitance (µF)	Case size (mm)		Size	Specifications				
Series			φD		code	Rated ripple current (mArms) ※1	$\begin{array}{c} \text{ESR} \ \%2 \\ (\text{m}\Omega \ \text{max.}) \end{array}$	tan δ %3	LC ※4 (μΑ)	Part number
SEPF	16	150	6.3	5.5	C55	2590	30	0.12	480.0	16SEPF150M
		180	6.3	6.0	C6	3300	22	0.12	576.0	16SEPF180M
		270	8.0	7.0	E7	3300	22	0.12	864.0	16SEPF270M
		560	8.0	12.0	E12	4950	14	0.12	1792.0	16SEPF560M
		1000	10.0	13.0	F13	5400	12	0.12	3200.0	16SEPF1000M
	20	120	6.3	6.0	C6	3200	25	0.12	480.0	20SEPF120M
		180	8.0	7.0	E7	3200	25	0.12	720.0	20SEPF180M
		390	8.0	12.0	E12	4950	14	0.12	1560.0	20SEPF390M
		560	10.0	13.0	F13	5400	12	0.12	2240.0	20SEPF560M
	25	56	6.3	6.0	C6	2800	30	0.12	280.0	25SEPF56M
		82	8.0	7.0	E7	3000	28	0.12	410.0	25SEPF82M
		180	8.0	12.0	E12	4650	16	0.12	900.0	25SEPF180M
		330	10.0	13.0	F13	5000	14	0.12	1650.0	25SEPF330M
	32	22	6.3	5.5	C55	2400	35	0.12	140.0	32SEPF22M
		68	8.0	7.0	E7	3200	25	0.10	435.0	32SEPF68M
	35	22	6.3	6.0	C6	2600	35	0.12	154.0	35SEPF22M
		39	8.0	7.0	E7	2800	30	0.12	273.0	35SEPF39M
		82	8.0	12.0	E12	4000	20	0.12	574.0	35SEPF82M
		120	10.0	13.0	F13	4400	18	0.12	840.0	35SEPF120M

## Frequency Correction factor for ripple currentt

Fre	quency	120 Hz≦ f <1 kHz	1 kHz≦ f <10 kHz	10 kHz≦ f <100 kHz	100 kHz≦ f ≦500 kHz
Coe	efficient	0.05	0.3	0.7	1

<sup>♦</sup>Please refer to each page in this catarog for "Flow conditions" and "Packing specifications".