

FVF Series

125 to 150°C Long Life

High Ripple Current

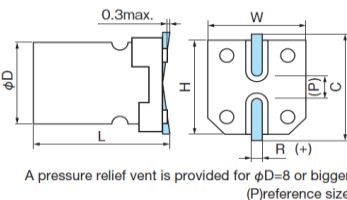
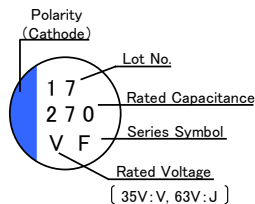
- 125 to 150°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200



Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	35	63
Surge voltage (V)	Room temperature	44	79
Category temperature range (°C)	—	D=φ6.3 : -40 to +135 D≥φ8 : -40 to +150	
Capacitance tolerance (%)	120Hz/20°C	M: ±20	
Dissipation Factor (tan δ)	tan δ (max.) 120Hz/20°C	0.12	0.08
Leakage current (LC)	μA/after 2 minutes (max.)	0.01CV	
Endurance	150°C rated voltage applied (With the rated ripple current)	Test	4,000hours
		ΔC/C	Within ±35% of the initial value
		tan δ	Less than 200% of the specified value
		ESR	Less than 250% of the specified value
		LC	Less than the specified value
	125°C, 135°C rated voltage applied (With the rated ripple current)	Test	4,000hours
		ΔC/C	Within ±30% of the initial value
		tan δ	Less than 200% of the specified value
		ESR	Less than 200% of the specified value
		LC	Less than the specified value

Marking, Dimensions



(Unit:mm)						
D ±0.5	L ±0.3	W ±0.2	H ±0.2	C ±0.2	R	P
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	13.8	10.3	10.3	11.0	1.0 to 1.4	4.6
10	16.5	10.3	10.3	11.0	1.0 to 1.4	4.6

Size, ESR, Rated Ripple Current

μF	Items	35				63					
		Case size φD × L (mm)	ESR (mΩ max.) (20°C/100kHz)	Rated ripple current (mArms/100kHz)			Case size φD × L (mm)	ESR (mΩ max.) (20°C/100kHz)	Rated ripple current (mArms/100kHz)		
				125°C	135°C	150°C			125°C	135°C	150°C
47						8 × 10.5	40	2700	1900	1000	
56						8 × 10.5	40	2700	1900	1000	
68	6.3 × 7.7	35	2700	1800	—						
82						10 × 10.5	30	3400	2400	1250	
100						10 × 10.5	30	3400	2400	1250	
						10 × 12.5	22	3700	2600	1450	
120						10 × 12.5	22	3700	2600	1450	
						10 × 13.8	20	4100	2800	1700	
150	8 × 10.5	20	3500	2500	1200	10 × 13.8	20	4100	2800	1700	
						10 × 16.5	15	4900	3500	2000	
180						10 × 16.5	15	4900	3500	2000	
270	10 × 10.5	18	4000	3100	1600						
330	10 × 12.5	14	4700	3400	1800						
360	10 × 13.8	13	5200	3700	2000						
470	10 × 16.5	11	5700	4100	2250						

★ S type

Part number

