

# FVFP Series

125°C · 135°C

High Ripple Current

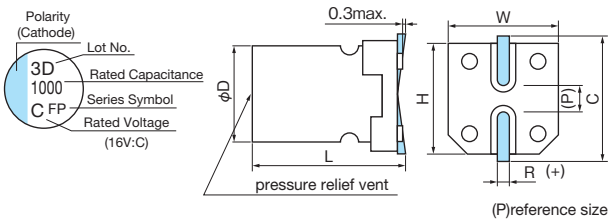
- 125°C 4,000hours, 135°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

**NEW**

■ Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	16	
Surge voltage (V)	Room temperature	20	
Category temperature range (°C)	—	-55 to +135	
Capacitance tolerance (%)	120Hz/20°C	M : ±20	
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.16	
Leakage current (LC)	μA/after 2minutes (max.), 20°C	0.01CV	
Endurance	125°C, 135°C rated voltage applied (With the rated ripple current)	Test	4,000hours
		ΔC/C	Within ±30% of the initial value
		tanδ	Less than 200% of the specified value
		ESR	Less than 200% of the specified value
		LC	Less than the specified value
Shelf Life	135°C, 1,000hours(with no voltage load)	Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.	

■ Marking, Dimensions



(Unit : mm)

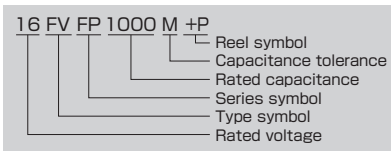
D <sup>±0.5</sup>	L <sup>±0.3</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	12.5	10.3	10.3	11.0	1.0 to 1.4	4.6
10	13.8	10.3	10.3	11.0	1.0 to 1.4	4.6
10	16.5	10.3	10.3	11.0	1.0 to 1.4	4.6

■ Size, ESR, Rated Ripple Current

Items μF	Case size φDxL (mm)	ESR (mΩmax.) (20°C/100kHz)	16	
			125°C	135°C
330	8×10.5	20	3700	2500
560	10×10.5	18	4200	2800
680	10×12.5	14	4700	3100
820	10×13.8	13	5000	3300
1000	10×16.5	11	5900	4000

Please refer to page 18 for ripple current frequency coefficients.

■ Part number



Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

Soldering Condition  
Reflow Soldering Condition  
Ripple Current Frequency Coefficient

- FVL
- HVHZ-HVH
- HVPZ-HVP
- HVT
- HVHF
- HVPF
- HVPX
- HVTX
- HVHY
- HVPY
- HVTY
- HVHC
- HVPC

- FVC
- FVFP **NEW**
- FVF
- FVS
- FEC **NEW**
- FEF **NEW**