

# FVS Series

125°C

-16V Proof

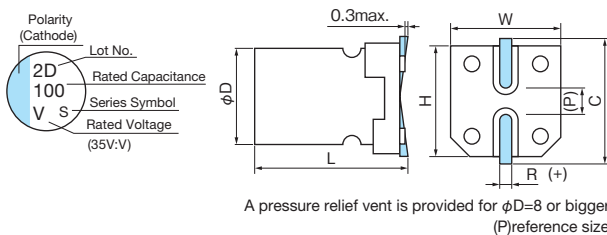


- 125°C 4,000hours
- Reverse polarity proof(-16V, 60 minutes)
- Solvent proof (within 2 minutes)
- AEC-Q200

## Specifications

Items	Condition	Specifications	
Rated voltage (V)	-	35	
Surge voltage (V)	Room temperature	44	
Category temperature range (°C)	-	-55 to +125	
Capacitance tolerance (%)	120Hz/20°C	M : ±20	
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.12	
Leakage current (LC)	μA/after 2minutes (max.), 20°C	0.01CV	
Endurance	125°C, 4,000hours rated voltage applied (With the rated ripple current)	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

## 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
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

## Size, ESR, Rated Ripple Current

Items μF	Case size φDxL (mm)	ESR (mΩmax.) (20°C/100kHz)	35	
			Rated ripple current (mArms/100kHz)	125°C
47	6.3x7.7	35		1400
100	8x10.5	27		1600
150	10x10.5	20		2000
220	10x12.5	17		2260

Please refer to page 18 for ripple current frequency coefficients.

## Part number

