

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

FVS Series

125°C Long Life

-16V Proof



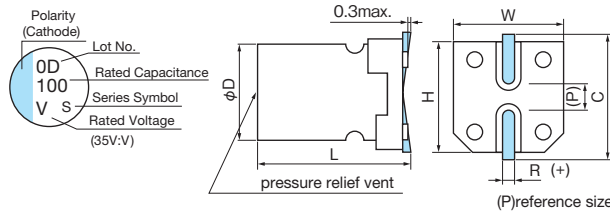
NEW

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

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.)	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 ^{±0.5}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	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

Size, ESR, Rated Ripple Current

Items μF	Case size φDxL (mm)	ESR (Ωmax.) (20°C/100kHz)	35	
			Rated ripple current (mA rms/100kHz)	
			125°C	
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

