

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

FVC Series

125°C

High Capacitance



NEW

- 125°C 4,000hours
- 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

Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

Soldering Condition
Reflow Soldering Condition
Ripple Current Frequency Coefficient

FVL **NEW**

HVH

HVP

HVT

HVJ

HVHZ

HVPZ

HVHF

HVPF

HVPX

HVTX

HVHY **NEW**

HVPY

HVTY

HVHC

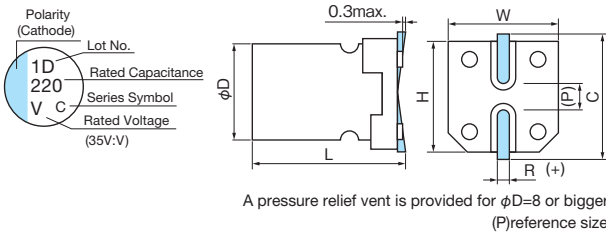
HVPC **NEW**

FVF

FVS

HEPC

■ 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 (mΩmax.) (20°C/100kHz)	35	
			Rated ripple current (mA rms/100kHz)	
			125°C	
220	8×10.5	27	2000	
390	10×10.5	20	2800	
470	10×12.5	17	3000	

Please refer to page 18 for ripple current frequency coefficients.

■ Part number

