

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

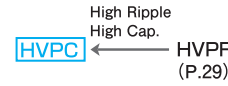
# HVPC Series

125°C Long Life

High Ripple Current  
High Capacitance



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

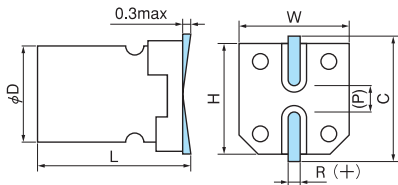
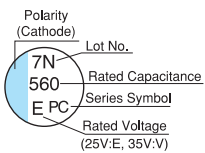


**NEW**

## Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-55 to +125	
Capacitance tolerance (%)	120Hz/20°C	M : ±20	
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.16	0.14
Leakage current (LC)	μA/after 2minutes (max)	0.01CV	
Endurance	125°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



A pressure relief vent is attached to products over φD=8 (P)reference size

(Unit : mm)

D <sup>+0.5max</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

## Size, ESR, Rated Ripple Current

μF	25				35		
	Case size	ESR(mΩ)	Rated ripple current	Case size	ESR(mΩ)	Rated ripple current	
180				8×10.5	33	1950	
270	8×10.5	33	1950				
330				10×10.5	24	2800	
390				10×12.5	20	3000	
470	10×10.5	24	2800				
560	10×12.5	20	3000				

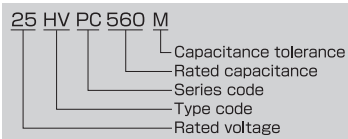
Please refer to page 19 for ripple current frequency coefficients.

ESR(mΩ)  
max at 100kHz, 20°C

Case size:φDxL(mm)

Rated ripple current—  
mA rms(100kHz, 125°C)

## Model No.



Aluminum Electrolytic  
Capacitors with Hybrid  
Conductive Polymer

Basic Construction  
Features  
Characteristics

Advantages of EP-cap

Soldering Condition  
Reflow Soldering  
Condition  
Ripple Current Frequency  
Coefficient

HVA

HVBF

HVH

HVP

HVT

HVJ

HVHZ

HVPZ

HVHF

HVPF

HVPX

HVPC

HEH

HEHZ

HEPZ