

# HVPC Series

125°C Long Life

High Ripple Current  
High Capacitance

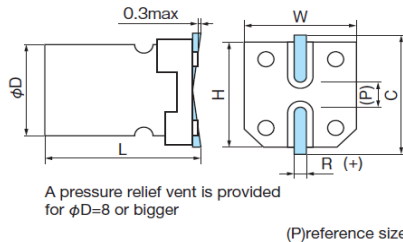
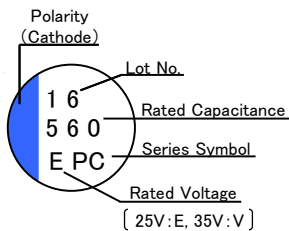
- 125°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200



## 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	0.14	0.12
Leakage current (LC)	μA/after 2 minutes (max.)	0.01CV	
Endurance	125°C, 4,000hours rated voltage applied (With the rated ripple current)	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



(Unit: mm)						
D ±0.5	L ±0.3	W ±0.2	H ±0.2	C ±0.2	R	P
5	6.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
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

μF \ V	25		35			
33			5 × 6.0	100	750	
56	5 × 6.0	80	850	6.3 × 6.0	60	1200
100	6.3 × 6.0	50	1300	6.3 × 7.7	35	1700
150	6.3 × 7.7	30	1800			
180				8 × 10.5	27	2000
270	8 × 10.5	27	2000			
330				10 × 10.5	20	2800
390				10 × 12.5	17	3000
470	10 × 10.5	20	2800			
560	10 × 12.5	16	3000			

Case size: φD × L (mm)

ESR (mΩ) max at 100kHz, 20°C

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

## Part number

