

HVHC Series

105°C

High Ripple Current
High Capacitance

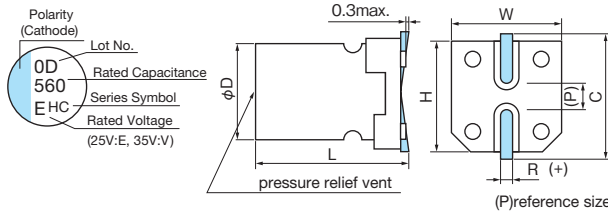
NEW

- 105°C 5,000hours
- 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 +105	
Capacitance tolerance (%)	120Hz/20°C	M : ±20	
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.14	0.12
Leakage current (LC)	μA/after 2minutes (max.)	0.01CV	
Endurance	105°C, 5,000hours 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

μF \ V	25			35		
180				8×10.5	27	2550
270	8×10.5	27	2550			
330				10×10.5	20	3500
390				10×12.5	17	4000
470	10×10.5	20	3500			
560	10×12.5	16	4000			

Please refer to page 18 for ripple current frequency coefficients.

Case size: φDxL(mm)

Rated ripple current
mA_{rms}(100kHz, 105°C)

ESR(mΩ)max. at 100kHz, 20°C

Part number

