

# HVHY Series

105°C Long Life

High Ripple Current

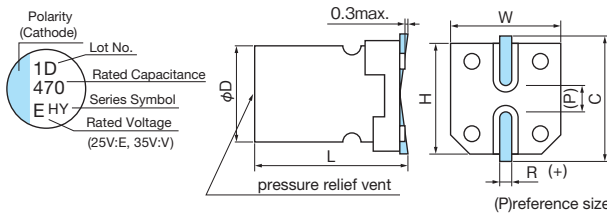
- 105°C 10,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

**NEW**

## 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.), 20°C	0.01CV	
Endurance	105°C, 10,000hours 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 <sup>±0.5</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	V	25		35		
150				8×10.5	20	4500
220		8×10.5	20	4500		
270				10×10.5	18	5000
330		10×10.5	18	5000	14	5500
470		10×12.5	14	5500		

Please refer to page 18 for ripple current frequency coefficients.

Case size: φDxL(mm)

Rated ripple current  
mA Arms (100kHz, 105°C)

ESR(mΩ)max. at 100kHz, 20°C

## Part number

