

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

# HVHY Series

105°C Long Life

High Ripple Current

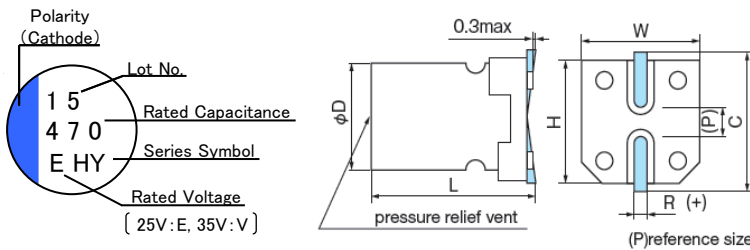
- 105°C 10,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

**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)	tan δ (max.) 120Hz/20°C	0.14	0.12
Leakage current (LC)	μ A/after 2 minutes (max.)	0.01CV	
Endurance	105°C, 10,000hours rated voltage applied (With the rated ripple current)	Δ C/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
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

μ F \ 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	10 × 12.5	14	5500
470	10 × 12.5	14	5500			

Case size: φ D × L (mm)

ESR (mΩ)max at 100kHz, 20°C

Rated ripple current  
mArms(100kHz, 105°C)

## Part number

