

HVHY Series

105°C Long Life

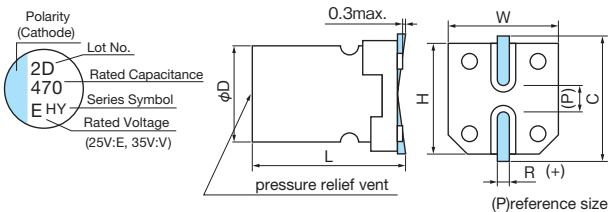
High Ripple Current

- 105°C 10,000hours
- 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.), 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 ^{±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		
150					8×10.5	20	4500
220		8×10.5	20	4500			
270					10×10.5	18	5000
330		10×10.5	18	5000			
470		10×12.5	14	5500			

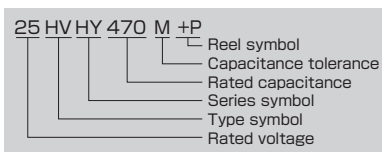
Please refer to page 18 for ripple current frequency coefficients.

Case size: φDxL(mm)

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

ESR(mΩ)max. at 100kHz, 20°C

■ Part number



Soldering Condition
Reflow Soldering Condition
Ripple Current Frequency Coefficient

- FVL
- HVHZ-HVH
- HVPZ-HVP
- HVT
- HVHF
- HVPF
- HVPX
- HVTX**
- HVHY**
- HVPY
- HVTY
- HVHC
- HVPC
- FVC
- FVF
- FVS
- HEHF
- HEPF
- HEPC