

# HVJ Series

150°C

Long Life

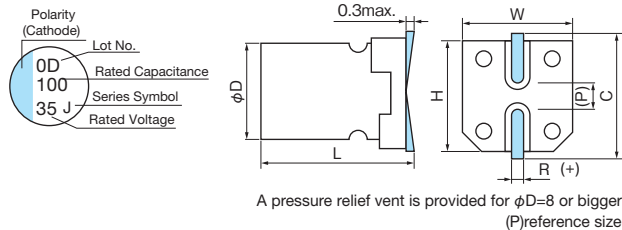


- 150°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

## Specifications

Items	Condition	Specifications			
Rated voltage (V)	—	25	35	50	63
Surge voltage (V)	Room temperature	32	44	63	79
Category temperature range (°C)	—	-55 to +150			
Capacitance tolerance (%)	120Hz/20°C	M : ±20			
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.16			
Leakage current (LC)	μA/after 2minutes (max.)	0.05CV			
Endurance	150°C, 1,000hours 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 $\pm 0.5$	L $\pm 0.3$	W $\pm 0.2$	H $\pm 0.2$	C $\pm 0.2$	R	P
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		50		63			
		Case size	ESR	Case size	ESR	Case size	ESR	Case size	ESR		
15								6.3×7.7	100	380	
22						6.3×7.7	80	410			
33								8×10.5	40	610	
47				6.3×7.7	60	510					
56						8×10.5	35	660	10×10.5	30	710
68	6.3×7.7	45	540					10×12.5	22	810	
100				8×10.5	30	710	10×10.5	28	780		
120						10×12.5	19	890			
150	8×10.5	27	740	10×10.5	23	830					
220				10×12.5	17	950					
270	10×10.5	22	850								
330	10×12.5	16	970								

Please refer to page 18 for ripple current frequency coefficients.

ESR(mΩ)max. at 100kHz, 20°C  
 Case size:  $\phi D \times L$ (mm) Rated ripple current  
 mArms(100kHz, 150°C)

## Part number

