

# HVT Series

135°C



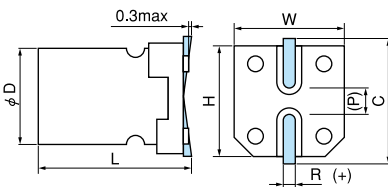
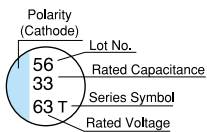
- 135°C, 1,000 to 2,000hours
- Solvent proof (within 2 minutes)

HVT  
↑ 135°C  
HVP (P.24)

## Specifications

Items	Condition	Specifications				
Rated voltage (V)	—	25	35	40	50	63
Surge voltage (V)	Room temperature	32	44	50	63	79
Category temperature range (°C)	—	-55 to +135				
Capacitance tolerance (%)	120Hz/20°C	M : ±20				
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.16				
Leakage current (LC)	µA/after 2minutes (max)	The greater value of either 0.01CV or 3				
Endurance	135°C rated voltage applied (With the rated ripple current)	Test	φ6.3 : 1,000hours, D≥φ8 : 2,000hours			
		ΔC/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



A pressure relief vent is provided for φD=8 or bigger (P)reference size

(Unit : mm)

D <sup>+0.5max</sup>	L <sup>±0.3</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	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		40		50	
15							6.3x7.7	80 670
27					6.3x7.7	70 700		
33							8x10.5	35 940
47			6.3x7.7	60 730				
56					8x10.5	32 980	10x10.5	25 1110
68	6.3x7.7	45 780						
82							10x12.5	19 1270
100			8x10.5	30 1010	10x10.5	24 1150		
120					10x12.5	18 1320		
150	8x10.5	27 1060	10x10.5	23 1180				
220			10x12.5	17 1360				
270	10x10.5	22 1220						
330	10x12.5	16 1390						

µF \ V	63	
10	6.3x7.7	100 590
22	8x10.5	40 870
33	8x10.5★	40 870
	10x10.5	30 1010
47	10x10.5	30 1010
56	10x12.5	22 1150

Rated ripple current  
mA<sub>rms</sub>(100kHz, 135°C)

ESR(mΩ)  
max at 100kHz, 20°C

Case size:φDxL(mm)

Please refer to page 20 for ripple current frequency coefficients.

★ S type

## Part number

