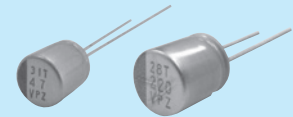


# HEPZ Series

125°C

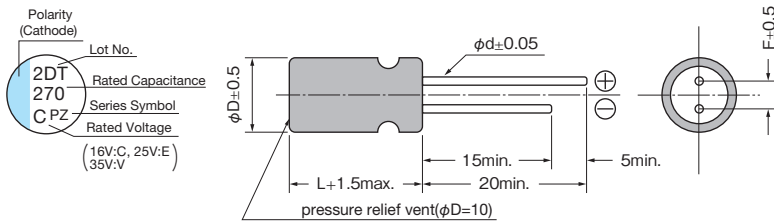


- 125°C 2,000 to 3,000hours ● Laminated case
- Solvent proof (within 2 minutes)
- AEC-Q200

## Specifications

Items	Condition	Specifications			
Rated voltage (V)	—	16	25	35	
Surge voltage (V)	Room temperature	20	32	44	
Category temperature range (°C)	—	-55 to +125			
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.)	The greater value of either 0.05CV or 100			
Endurance	125°C rated voltage applied (With the rated ripple current)	Test	16V	φ6.3 : 2,000hours, D <sub>≥</sub> φ8 : 2,500hours	
			25V <sub>≤</sub>	φ6.3 : 2,000hours, D <sub>≥</sub> φ8 : 3,000hours	
		△C/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)

φD	L	F	φd
6.3	7.2	2.5	0.45
8	9.5	3.5	0.6
10	9.5	5.0	0.7
10	11.5	5.0	0.7

## Size, ESR, Rated Ripple Current

μF	V	16		25		35	
47						6.3x7.2	45 1280
68				6.3x7.2	35 1380		
100						8x9.5	28 1780
120	6.3x7.2	32	1440				
150				8x9.5	25 1880	10x9.5	20 2440
220						10x11.5	15 2800
270	8x9.5	23	1970	10x9.5	19 2500		
330				10x11.5	14 2890		
470	10x9.5	18	2620				
560	10x11.5	14	3030				

Please refer to page 18 for ripple current frequency coefficients.

ESR(mΩ)max. at 100kHz, 20°C  
Case size: φDxL(mm)

Rated ripple current  
mA Arms (100kHz, 125°C)

## Part number

