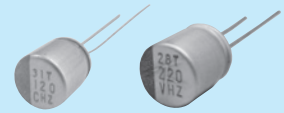


HEHZ Series

105°C

Long Life



- 105°C 2,000 to 5,000hours ● 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 +105			
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	105°C rated voltage applied (With the rated ripple current)	Test	16V	φ6.3 : 4,000hours, D≥φ8 : 7,000hours	
			25V≤	φ6.3 : 5,000hours, D≥φ8 : 10,000hours	
		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

Lot No.

2DT
270
C HZ

Rated Capacitance
Series Symbol
Rated Voltage
(16V:C, 25V:E)
35V:V

φD±0.5

φd±0.05

15min.

20min.

5min.

L+1.5max.

pressure relief vent(φD=10)

F±0.5

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 1840
68				6.3x7.2	35 1980		
100						8x9.5	28 2550
120	6.3x7.2	32	2070				
150				8x9.5	25 2690	10x9.5	20 3490
220						10x11.5	15 4000
270	8x9.5	23	2820	10x9.5	19 3580		
330				10x11.5	14 4140		
470	10x9.5	18	3750				
560	10x11.5	14	4340				

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, 105°C)

Part number

16 HE HZ 270 M T

- Sn plating terminal option
- Capacitance tolerance
- Rated capacitance
- Series code
- Type code
- Rated voltage