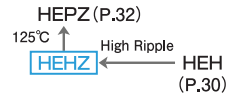


# HEHZ Series

105°C High Ripple Current



- 105°C 2,000 to 5,000hours
- Laminated case
- Solvent proof (within 2 minutes)



## Specifications

Items	Condition	Specifications			
Rated voltage (V)	—	16	25	35	40
Surge voltage (V)	Room temperature	20	32	44	50
Category temperature range (°C)	—	-55 to +105			
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 0.05CV or 100			
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ 6.3 : 2,000hours, D <sub>z</sub> φ 8 : 5,000hours		
		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

Polarity (Cathode)

Lot No.

56T

Rated Capacitance

270

Series Symbol

CHZ

Rated Voltage

(16V:C, 25V:E)

(35V:V, 40V:G)

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		40	
27								6.3×7.2	48 1770
47						6.3×7.2	45 1840		
56								8×9.5	30 2450
68				6.3×7.2	35 1980				
100						8×9.5	28 2550	10×9.5	21 3380
120	6.3×7.2	32 2070						10×11.5	16 3870
150			8×9.5	25 2690	10×9.5	20 3490			
220						10×11.5	15 4000		
270	8×9.5	23 2820	10×9.5	19 3580					
330			10×11.5	14 4140					
470	10×9.5	18 3750							
560	10×11.5	14 4340							

Please refer to page 20 for ripple current frequency coefficients.

ESR(mΩ) max at 100kHz, 20°C

Case size: φD×L(mm)

Rated ripple current mArms(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