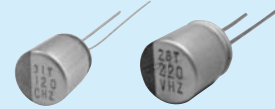
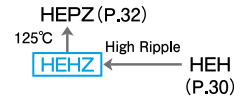


HEHZ Series

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)	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	φ6.3 : 2,000hours, D≥φ8 : 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
270
CHZ

Rated Capacitance

Series Symbol

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
mA Arms (100kHz, 105°C)

Part number

