

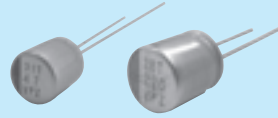
High Conductive Polymer Type / Radial Lead Type

RoHS compliance

HEPZ Series

125°C

High Ripple Current



125°C, 2,000 to 3,000hours • Laminated case
 Moisture proof (within 2 minutes)

HEPZ ← High Ripple
 HEP
 (On the web)

Specifications

Items	Condition	Specifications				
Rated Voltage (V)	—	16	25	35	40	
Rated Voltage (V)	Room temperature	20	32	44	50	
Temperature range (°C)	—	-55 to +125				
Capacitance tolerance (%)	120Hz/20°C	M : ±20				
Dissipation Factor (tan δ)	tan δ (max) 120Hz/20°C	0.16				
Rated current (LC)	μA/after 2minutes (max)	The greater value of either 0.05CV or 100				
Life	125°C rated voltage applied (With the rated ripple current)	Test	16V	φ6.3 : 2,000hours, D≥φ8 : 2,500hours		
			25V≤	φ6.3 : 2,000hours, D≥φ8 : 3,000hours		
		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

(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

ESR, Rated Ripple Current

V	16	25	35	40
			6.3×7.2	45
				1280
		6.3×7.2	35	1380
			8×9.5	28
				1780
	6.3×7.2	32	1440	10×9.5
				21
				2360
		8×9.5	25	1880
				10×9.5
				20
				2440
	8×9.5	23	1970	10×11.5
				15
				2800
	10×9.5	18	2620	
	10×11.5	14	3030	

Refer to page 19 for ripple current frequency coefficients.

ESR(mΩ)
max at 100kHz, 20°C

Case size: φD×L(mm)

Rated ripple current
mA_{rms}(100kHz, 125°C)

Number

16 HE PZ 270 M T

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

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