

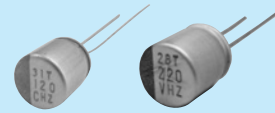
Hybrid Conductive Polymer Type / Radial Lead Type

RoHS compliance

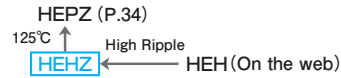
HEHZ Series

105°C

High Ripple Current



- 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	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		
		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.

9DT
270
CHZ

Rated Capacitance

Series Symbol

Rated Voltage
(16V:C, 25V:E
35V:V, 40V:G)

φD±0.5

φd±0.05

15min.

20min.

5min.

L+1.5max.

pressure relief vent(φD=10)

(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		40	
27							6.3x7.2	48 1770
47					6.3x7.2	45 1840		
56							8x9.5	30 2450
68			6.3x7.2	35 1980				
100					8x9.5	28 2550	10x9.5	21 3380
120	6.3x7.2	32 2070					10x11.5	16 3870
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 17 for ripple current frequency coefficients.

ESR(mΩ)max. at 100kHz, 20°C

Case size: φDxL(mm)

Rated ripple current
mA_{rms}(100kHz, 105°C)

Part number

16 HEHZ 270 M T

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

Soldering Condition
Reflow Soldering Condition
Ripple Current Frequency Coefficient

- HVA
- HVBF
- HVH
- HVP
- HVT
- HVJ
- HVHZ
- HVPZ
- HVHF
- HVPF
- HVPX
- HVTX

HVPY **NEW**

HVTY **NEW**

HVPC

HEHZ

HEPZ

HEHF

HEPF