

HEPC Series

125°C

High Capacitance

- 125°C 4,000hours ● Laminated case
- Solvent proof (within 2 minutes)
- AEC-Q200

■ Specifications

Items	Condition	Specifications		
Rated voltage (V)	—	25	35	
Surge voltage (V)	Room temperature	32	44	
Category temperature range (°C)	—	-55 to +125		
Capacitance tolerance (%)	120Hz/20°C	M : ±20		
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.14	0.12	
Leakage current (LC)	μA/after 2minutes (max.), 20°C	0.05CV		
Endurance	125°C, 4,000hours rated voltage applied (With the rated ripple current)	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.

Rated Capacitance

Series Symbol

Rated Voltage
(25V:E, 35V:V)

(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	25			35		
100							
150		6.3×7.2	30	1800	6.3×7.2	35	1700
180					8×9.5	27	2000
270		8×9.5	27	2000			
330					10×9.5	20	2800
390					10×11.5	17	3000
470		10×9.5	20	2800			
560		10×11.5	16	3000			

Please refer to page 18 for ripple current frequency coefficients.

Case size: φDxL(mm) ESR(mΩ) max. at 100kHz, 20°C Rated ripple current mAmps(100kHz, 125°C)

■ Part number

25 HE PC 560 M T

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

Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

Soldering Condition
Reflow Soldering Condition
Ripple Current Frequency Coefficient

- FVL
- HVHZ-HVH
- HVPZ-HVP
- HVT
- HVHF
- HVPF
- HVPX
- HVTX
- HVHY
- HVPY
- HVTY
- HVHC
- HVPC
- FVC
- FVF
- FVS
- HEHF
- HEPF
- HEPC