

HEPC Series

125°C

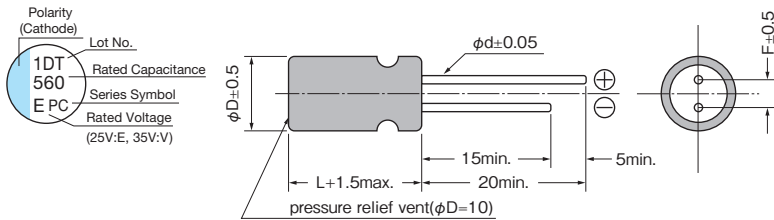
High Capacitance

- 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



(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		
		Case size (φDxL)	ESR (mΩ)	Rated ripple current (mA)	Case size (φDxL)	ESR (mΩ)	Rated ripple current (mA)
100							
150		6.3x7.2	30	1800	6.3x7.2	35	1700
180					8x9.5	27	2000
270		8x9.5	27	2000			
330					10x9.5	20	2800
390					10x11.5	17	3000
470		10x9.5	20	2800			
560		10x11.5	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 mA (100kHz, 125°C)

Part number

