

HET Series

135°C

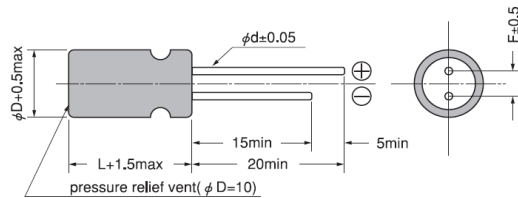
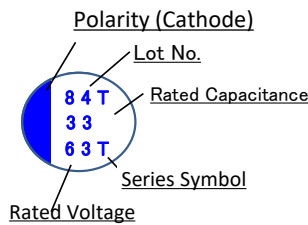
Long Life

- 135°C 1,500~2,000hours
- Solvent proof (within 2 minutes)

Specifications

Items	Condition	Specifications				
Rated voltage (V)	—	25	35	40	50	63
Surge voltage (V)	Room temperature	32	44	50	63	79
Category temperature range (°C)	—	-55 to +135				
Capacitance tolerance (%)	120Hz/20°C	M:±20				
Dissipation Factor(tanδ)	tanδ (max) 120Hz/20°C	0.16				
Leakage current(LC)	μ A/after 2minutes (max)	The greater value of either 0.05CV or 100				
Endurance	135°C rated voltage applied (With the rated ripple current)	Test	φ 6.3 : 1,000hours, D ≥ φ 8 : 2,000hours			
		Δ C/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)

φ D	L	F	φ d
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

μ F \ V	25			35			40			50			63		
	μ F	V	ESR	μ F	V	ESR	μ F	V	ESR	μ F	V	ESR	μ F	V	ESR
10													6.3 × 7.2	100	590
15										6.3 × 7.2	80	670			
22													8 × 9.5	40	870
27							6.3 × 7.2	70	700						
33										8 × 9.5	35	940	8 × 9.5※	40	870
47				6.3 × 7.2	60	730							10 × 9.5	30	1010
56							8 × 9.5	32	980	10 × 9.5	25	1110	10 × 9.5	30	1010
68	6.3 × 7.2	45	780							10 × 9.5	25	1110	10 × 11.5	22	1150
82										10 × 11.5	19	1270			
100				8 × 9.5	30	1010	10 × 9.5	24	1150						
120							10 × 11.5	18	1320						
150	8 × 9.5	27	1060	10 × 9.5	23	1180									
220				10 × 11.5	17	1360									
270	10 × 9.5	22	1220												
330	10 × 11.5	16	1390												

ESR (mΩ)
max at 100kHz, 20°C

Case size : φ D × L(mm)

Rated ripple current
mArms(100kHz, 135°C)

※S type

Model No.

