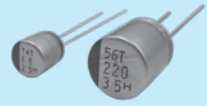


# HEH Series

105°C

High Voltage, Long Life



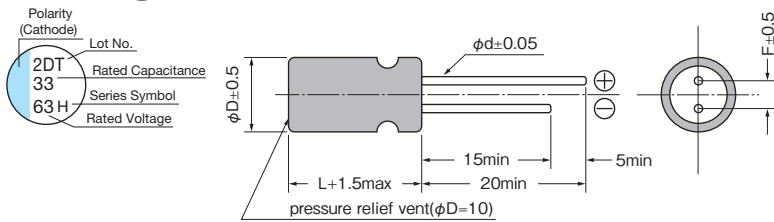
Aluminum Electrolytic Capacitors with Hybrid Conductive Polymer

- 105°C 4,000 to 10,000hours
- Laminated case
- Solvent proof (within 2 minutes)
- AEC-Q200

### Specifications

Items	Condition	Specifications			
Rated voltage (V)	—	50	63	80	100
Surge voltage (V)	Room temperature	63	79	100	125
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 : 5,000hours, D≥φ8 : 10,000hours		
		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



(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	50		63		80		100	
10				6.3x7.2	100	1060			
12							10x9.5	70	1600
15	6.3x7.2	80	1200				10x9.5	70	1600
18							10x11.5	50	1830
22				8x9.5	40	1560			
33	8x9.5	35	1670	8x9.5 ★	40	1560			
				10x9.5	30	2100			
47				10x9.5	30	2100			
56	10x9.5	25	2320	10x11.5	22	2400			
82	10x11.5	19	2650						

Please refer to page 18 for ripple current frequency coefficients.  
★S type

Rated ripple current  
mA Arms (100kHz, 105°C)

Case size: φDxL (mm)  
ESR (mΩ) max at 100kHz, 20°C

### Part number

